

Headline Report

Meeting Name	Grid Code Review
Meeting Number	27
Date of Meeting	17 th May 2007
Time	10:00am – 3:30pm
Venue	National Grid House, Warwick

This note sets out the headlines and key decisions of the Grid Code Review Panel on the 17th May 2007. Full minutes of the meeting will be produced and subsequently approved at the next Panel meeting and will then be published on the website.

1) Minutes of Previous Meeting

The minutes of the Grid Code Review Panel (GCRP) meeting held on 17th May 2007 have been APPROVED subject to minor amendments and will be accessible from the Grid Code website.

2) New Grid Code Amendments

Frequency Response Time Delay

National Grid outlined proposed amendments to the definitions of High Frequency Response and Primary Response and CC.A.3.4 obligations. The Panel NOTED that the proposed changes would be in addition to those amendments proposed in the Grid Code Consultation Document G/06.

National Grid stated that the proposals will provide additional clarity to the existing Grid Code wording and that proposed in G06 consultation document regarding the time delay for frequency response. The proposal would codify existing practice that ensures that plant control systems are designed to reduce any avoidable initial delay to a minimum as far as is reasonably practicable and in any event to less than two seconds. It would also recognise that there might be a longer unavoidable time delay.

Panel Members will provide comments on the proposals and the associated legal text which will be considered by National Grid prior to the proposed changes proceeding to industry consultation.

3) Working Group Reports

Black Start

National Grid gave the Panel an update on the Black Start Working Group. The Panel NOTED that the Working Group was focusing on the three key stages of a Black Start event:

- i) Power Islands and LJRP
- ii) Zonal Restoration
- iii) 'Back to Normal'

The Panel NOTED that a session focusing on the 'Black to Normal' phase was currently being arranged with Elexon. The session would discuss the interaction between the Grid Code and BSC obligations to ensure that the two processes dovetailed together.

Low Voltage Demand Disconnection

National Grid gave the Panel an update on the Low Voltage Demand Disconnection Working Group. The Panel NOTED that an initial study revealed a LVDD scheme in London could prevent a national incident and that a further detailed study of London would be required. The Panel were informed that in certain other parts of the country the introduction of a LVDD scheme would not, by itself, prevent a collapse of the system.

The Panel were INFORMED that a report outlined the consequences of a low voltage collapse in London, the national impact, the associated costs and benefits of such a

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scheme would be presented to the September's GCRP for approval. If approved the report would be issued to Ofgem to obtain a view regarding funding (if possible) prior to the undertaking of the detailed study for the London area.

Rated MW

The Panel NOTED that the first meeting of the Working Group will take place on 19th June 2007.

4) Intertrips Guidance Statement

The Panel NOTED and discussed the latest wording for intertrips guidance statement. Panel Members will provide comment on the latest revision of text. Revised wording for the guidance statement and the associated Grid Code changes will be discussed and submitted to September's GCRP. When the wording has been finalised, the appropriate communication vehicle for the statement will be discussed and agreed.

5) Reactive Capability Notification Process

National Grid provided additional clarification regarding the information submitted in the Performance Chart, BC2 Fax and Week 24 submission. National Grid proposed to introduce an enhanced Performance Chart which would include the Full and Minimum Output of a Generating Unit.

Panel Members' reservations remain regarding the interaction between the Performance Chart and the BC2 Fax. Panel Members will provide comments on the process to National Grid; who will facilitate a meeting which will address the relevant issues and discuss/agree an enduring solution.

6) Multi Unit BMUs

The Panel NOTED that National Grid has received limited feedback from the industry to explain the limited use of the current process and what could be done to improve the current scheme. A reminder to provide feedback will be mentioned at the forthcoming Ops Forum.

The GCRP has previously requested to be informed of any updates/changes to the treatment of Multi Shaft CCGTs. It was subsequently agreed to establish a process to enable Generators to inform National Grid of synchronised generating units which are capable of being desynchronised but are unable to do using the dynamic parameters submitted for the BM unit.

The process will involve a fax pro-forma being sent to National Grid indicating any MW reductions below SEL, which would not normally be accessible within BM timescales. Indications are also given as the notice time required. Information provision for MW reduction below SEL will be published on the Internet via SONAR giving improved transparency of process.

The Panel agreed to the new process which will be formally introduced at the forthcoming Ops Forum.

7) Capacity Terms

National Grid presented a paper outlining the capacity terms used within Grid Code and their function. The Panel NOTED that there was very limited interaction between the capacity terms as each one had been introduced to undertake a specific function.

Panel Members will provide comments on the paper to National Grid; suggesting if there were any additional capacity terminology which should be included in the document and whether there was any benefit to rationalising any of the terms.

8) Control Telephony Electrical Standard

The Panel discussed the revised Control Telephony Electricity Standard and provided clarity on points raised by the Panel at May's GCRP. The Panel approved the Control Telephony Electricity Standard subject to the inclusion of a reference to the relevant hot site procedures.

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The Panel NOTED that the Electricity Standard would be officially incorporated within the Grid Code when the consequential Grid Code changes, as outlined by Grid Code Consultation Document C/06, have been implemented (subject to Authority approval) into the Grid Code.

9) Dispatch of Reactive Power from Embedded Generation

The Panel discussed whether there was sufficient clarity regarding the dispatch of reactive power from Embedded Generation. The Panel agreed that a paper would be presented at September's GCRP, outlining the issues relating to the dispatch of reactive power from Embedded Generation.

The Panel NOTED that the capacity of Embedded Generation to provide Reactive Power had been discussed at the Power Park Modules and Synchronous Generating Units Working Group and would not form part of the discussion paper.

10) Compliance Process

National Grid presented information on the Lifetime Compliance Process. The Panel NOTED that the process was formalising the existing work procedures in order to increase the visibility and understanding of the compliance process.

The Panel AGREED that given the legal requirements of the process on the industry, it would be beneficial if elements of the process were codified. Panel Members to provide comments on the process and the associated governance arrangements (if applicable); National Grid will provide an update to September's GCRP. The presentation will be made available to the Panel.

11) OTEG Subgroup

The Panel NOTED that Ofgem's Scoping document outlining how Offshore Transmission System would be introduced had been published and was available from Ofgem's website. The various work streams were outlined in the scoping document, it was NOTED that some of work streams were more established than others.

The Panel NOTED that the Offshore Grid Code subgroup was due to report back in May 2007. The Panel enquired whether the report would be publicly available on Ofgem's website; Panel Members were asked to make this request to Offshore Grid Code Working Group Chairman.

The Panel NOTED that it would be kept informed of any future developments.

12) Impact of Other Code Modifications

The Panel NOTED that CAP143 (Interim TEC) would require a consequential amendment to the Grid Code.

The Panel NOTED that CAP144 (Emergency Instruction to Deenergise) had been circulated for industry consultation which would contain illustrative Grid Code legal text for reference purposes only. The formal Grid Code changes will progress in accordance with the Grid Code Amendment process.

13) Any Other Business

The Panel agreed to the re-establishment of the 'Good Industry Practice for Safety Coordinator Training Working Group to discuss recent changes to Grid Code OC8. Interested parties are to contact Richard Scarth (Richard.Scarth@uk.ngrid.com).

National Grid has agreed to Panel Members request that a notification, confirming receipt to a Grid Code consultation document, would be sent to consultation respondees.

National Grid will present a paper to September's GCRP on the implications and possible consequences of the Large Combustion Plant Directive on the GB Transmission System and market arrangements.

14) UCTE Incident

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National Grid presented information on the UCTE incident outlining the circumstances leading up to the event and the root causes of the occurrence. The presentation will be made available to the Panel.

15) Next Meeting

The next meeting will be held on Thursday, 20th September 2007 at National Grid House, Warwick. The meeting will commence at 10:00am.