

## **Codes Summary - February 2011**

This document provides a summary as to latest developments concerning the various other Industry Codes. Further detailed information can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/>

### **CUSC**

**CAP179** (Prevention of "Timing Out" of Authority decisions on Amendment Proposals) - CAP179 was raised by National Grid as part of a suite of industry code modifications to attempt to prevent "timing out" of Authority decisions on Amendment Proposals. The Working Group developed an Alternative Amendment and National Grid raised a further Working Group Alternative Amendment. At the meeting on 26th November 2010, the Panel voted by a majority of 8 to 1 to reject implementation of all of the options under CAP179. The final Amendment Report was sent to the Authority for a decision on 13th December 2010. CAP179 – WGAA2 was approved by the Authority on 17<sup>th</sup> January 2011 with an implementation date of 31<sup>st</sup> January 2011.

**CAP181** (Consequential changes related to Grid Code Amendment A/10 (Compliance)) - CAP181 seeks to formalise a compliance process within the Grid Code for all new generators and Direct Current converter stations (DCCS) to improve consistency and visibility of the existing processes. The proposal is currently on hold pending a decision on the way forward for Grid Code Amendment A/10, although it is likely to be withdrawn following a change in direction on the compliance process. At the Panel meeting on 26th November 2010, the Panel noted that National Grid may withdraw CAP181 as it may no longer be required.

**CAP189** (Standard Gas Insulated Switchgear Ownership Boundaries) - National Grid raised CAP189 in July 2010 following the findings of the joint Grid Code/CUSC Gas Insulated Switchgear Working Group. It seeks to codify two standard ownership boundaries for GIS substations, with a sub-option for a party to build the assets then transfer ownership to the majority site owner. CAP189 was discussed at the July Panel meeting and sent to a Working Group which held its first meeting on 28th September 2010. Potential retrospective application of the new standard ownership boundaries was discussed by the Working Group; National Grid has drafted illustrative legal text for CAP189 and a second Workgroup is planned for 14<sup>th</sup> February 2011.

**CAP190** (Two-Thirds Majority Voting requirement for CUSC Panel recommendations on Amendments arising from Licence obligations, Authority requests or obligations) - CAP190 proposes that, when the Amendments Panel votes on its final recommendation for an Amendment Proposal which the Licensee has been directed, obliged or required to raise by the Authority, a two-thirds majority vote would be required to recommend approval. If the two-thirds majority is not reached by the Panel, the Amendment would be automatically recommended for rejection. A like-for-like proposal has been raised under the BSC (P264) and a similar proposal has also been raised under the UNC (0312). The CUSC proposal was presented at the Amendment's Panel on 3rd September where it was agreed to proceed to a Working Group. The first Working Group meeting was held on 23rd September 2010 where it was agreed that external legal advice would be sought regarding the interpretation of the relevant Statutory Instrument for Competition Commission appeals. The next Working Group was postponed until 27th October 2010 whilst a joint Legal Brief with Elexon was prepared for external legal advice. Advice was sought from a QC with a response sent to ELEXON and National Grid on 25th November. Further to receiving the advice, a joint Working Group teleconference was held on 10th December 2010 to discuss the advice and next steps. A meeting with the QC was then arranged for 17th December 2010 but cancelled due to unforeseen circumstances. It is due to be rearranged for early January 2011. A meeting with a QC took place on 21<sup>st</sup> January 2011 to discuss the legal advice. A joint Workgroup meeting with CAP190/P264 members was held on 26<sup>th</sup> January 2011 during which the Proposer requested to put CAP190 on hold pending investigation into changing the Statutory Instrument. The CUSC Modifications Panel agreed for CAP190 to be put on hold for one month pending advice received from DECC regarding further clarification for the Statutory Instrument.

### **Grid Code**

The most recent meeting of the **Grid Code Review Panel** was held on 17<sup>th</sup> February 2011, with an extraordinary GCRP planned for 31<sup>st</sup> March 2011. The next main GCRP will take place on 19<sup>th</sup> May 2011.

### **Consultation Documents**

#### **2010**

**A/10** (Generator Compliance) - Consultation published on 1<sup>st</sup> February 2010, responses requested by 18<sup>th</sup> June 2010. A number of responses received and a review of A/10 is being undertaken to take comments into account. Consequential changes identified within the DCode and CUSC (CAP181)

have been put on hold pending review of A/10. A further consultation for A/10 was published in February 2011 with a closing date of 8<sup>th</sup> April 2011.

**B/10** (Record of Inter-system Safety Precautions (RISSP)) - Consultation published on the 2nd February 2010, responses were requested by the 30<sup>th</sup> March 2010. Five responses have been received; a Report to the Authority is being written by National Grid for submission to the Authority.

**C/10** (Electronic Dispatch Logging) - First Working Group meeting took place on the 20<sup>th</sup> August 2010 and a second is planned for the end of March. The group plans on submitting a Working Group report to the May GCRP.

**D/10** (Frequency and Voltage Operating Range) - Consultation published on 4<sup>th</sup> August with a request for responses by the 2<sup>nd</sup> September 2010. National Grid are currently drafting the Report to the Authority.

## **2009**

**F/09** (Extension of OC2 obligations to include interconnector owners) - Consequential Grid Code amendments were required following the raising of BSC modification P243. Consultation was raised in late October and a final Report to the Authority was published on 11<sup>th</sup> December 2009. The Authority has approved F/09 and suggests that implementation is aligned with BSC modification P243.

## **Working Groups**

### **Grid Code Requirement for Electronic Communication Facilities between NGET and BM Participants**

A paper (C/10) was presented to the May 2010 GCRP panel meeting by NGET proposing changes to the Grid Code to clarify the requirement to install an automatic logging device at the User's Control Point. The Panel agreed for the issue to proceed to Working Group. The Working Group held its first and final meeting during August 2010 and has submitted its most recent findings to the February GCRP for discussion. It is expected that a further working group meeting will be necessary in March 2011.

### **Grid Code Working Group on PNs from Intermittent Generation**

The industry Working Group was established to determine the reporting arrangements for submission of Physical Notifications by Intermittent Generation technologies. The Working Group has looked at definitions and process to develop proposals to amend the Grid Code. The Working Group Report is to be submitted to the November 2010 Panel meeting. The GCRP agreed for a consultation to be published. This is expected in early 2011.

### **Frequency Response Working Group**

The BSSG Working Group was established to assess the technical and commercial aspects of frequency response for current and future generation mix and new technologies. The working group is to assess the existing Grid Code obligations for appropriateness for the current environment. At the last Working Group meeting (15<sup>th</sup> Oct) it was proposed that a technical sub group was established to determine total system requirements for both inertia and response. The sub group held its first meeting on 15<sup>th</sup> November 2010 and aims to conclude their work by the end of Feb 2011. A meeting to explore one of the three frequency response market options was held on 4<sup>th</sup> March 2011 and a further meeting to discuss options 2 and 3 will be held in early April.

### **Reactive Power Working Group**

The Working Group is expected to commence work in May 2011, after the conclusion of the Frequency Response joint Working Group.

### **Frequency & Voltage Operating Range**

At the 21<sup>st</sup> November 2009 GCRP Panel it was agreed a review of Grid Code requirements for Grid Frequency and Voltage Variations should be undertaken as this can have a significant bearing on design of user's plant apparatus. The Objective of the Group was to discuss issues and proposals under scope of work and agree a way forward for possible modification to the Grid Code Connections Conditions on frequency and voltage variations.

National Grid published an industry Consultation in July 2010 which closed on the 2<sup>nd</sup> September. Five responses were received and a Final Report to the Authority is being produced.

### **Grid Code Signatories Consultation Working Group**

At the February GCRP, a paper was raised proposing to obligate National Grid to consult with Grid Code parties about any developments within Europe regarding development of the European Network

Codes (ENCs). Similar proposals were raised for the BSC and CUSC, and this will progress forward, initially, as a joint BSC, CUSC, Grid Code working group. The first meeting for this group was held on 11<sup>th</sup> March 2011 with a second meeting expected on 31<sup>st</sup> March 2011.

## Charging

### **GB ECM - 20: Charging for island connections**

National Grid published a consultation on the charging arrangements for island connections on 27th November, 2009. The consultation deadline was extended from the 15th to the 29th January, 2010 to accommodate respondents. Responses were subsequently published on the website on 3<sup>rd</sup> February, 2010 and the conclusions report is currently being drafted. The report was being prepared to be sent to Ofgem although CAP188 (Charging into CUSC) implementation means that to further develop this proposal would need to raise a CUSC proposal. **National Grid is considering how to feed initial conclusions in to discussions on TransmiT and will follow the formal CUSC route when TransmiT has concluded.**

### **GB ECM - 25: Review of intermitted Generation Charging**

National Grid published a consultation document on the 25th June 2010 outlining proposals to modify the charging methodology in order to facilitate associated changes to the current Security and Quality of Supply Standards (SQSS) to cater for the increased wind generation. On the 4<sup>th</sup> August responses to the Consultations were made available on the National Grid website. National Grid have considered the responses and have concluded that work on a intermittent only solution to network access charging is likely to be determined as discriminatory. National Grid is now carrying out further work to quantify the impact of varying use of the system for all kinds of plant and will be presenting analysis to the industry and seeking views on how the various determining variables can be efficiently incorporated in to the access and charging framework. Latest analysis covering all generation types was presented at TCMF in January, National Grid is considering how this can be fed into the TransmiT debate.

### **GB ECM - 27: BSUoS Removing End of Scheme Year Reconciliation Process**

National Grid published a Consultation document on the 20<sup>th</sup> August 2010. The Consultation is to review The Statement of Balancing Services Use of System Charging Methodology with view to better meeting the relevant Transmission License objectives. Six responses received, all supportive of the proposals. Ofgem approved this proposal in January 2011; it will apply to the reconciliation process for BSUoS charges from April 2010.

# AMALGAMATED ELECTRICITY CODES AMENDMENT REPORT

## As at 15<sup>th</sup> March 2011

This document contains the Amendment Registers for the CUSC, STC, Charging & Grid Code and is correct as of the above date.

The most up to date versions may be found at the following websites:

STC: [www.nationalgrid.com/uk/Electricity/Codes/sotocode/](http://www.nationalgrid.com/uk/Electricity/Codes/sotocode/)

CUSC: <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/amendments/>

TCMF: <http://www.nationalgrid.com/uk/Electricity/Charges/modifications/>

Grid Code: [www.nationalgrid.com/uk/Electricity/Codes/gridcode/reviewpanelinfo/](http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/reviewpanelinfo/)

BSC Amendments can be found on the following website:

[www.elexon.co.uk/changeimplementation/ModificationProcess/ModificationReports/default.aspx](http://www.elexon.co.uk/changeimplementation/ModificationProcess/ModificationReports/default.aspx)