

Codes Summary

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

CAP131 (User Commitment for New and Existing Generators) – Amendment Report sent to Authority for consideration. Ofgem decision received on 13 October 2008 to reject the changes detailed in CAP131.

CAP148 (Deemed Access Rights to the GB Transmission System for Renewable Generators) – Amendment Report sent to Authority for consideration. Impact Assessment issued, deadline for responses 28th August, 2008.

CAP161 (Transmission Access – System Operator Release for Short-Term Entry Rights) – Working Group Consultation published, deadline for responses 31st October, 2008.

CAP162 (Transmission Access – Entry Capacity Sharing) – Working Group Consultation published, deadline for responses 31st October, 2008.

CAP163 (Transmission Access – Entry Capacity Sharing) Working Group Consultation published, deadline for responses 31st October, 2008.

CAP164 (Transmission Access – Connect & Manage) Working Group Consultation published, deadline for responses 31st October, 2008.

CAP165 (Transmission Access – Finite Long-Term Entry Rights) – Working Group Consultation published, deadline for responses 31st October, 2008.

CAP166 (Transmission Access – Long-Term Entry Capacity Auctions) – proceeded to Working Group. Authority approved 2 months extension, followed by a further 2 weeks extension.

CAP167 (Definition of a threshold(s) associated with the request for a Statement of Works) - Working Group Consultation published, deadline for responses 3rd November, 2008.

Grid Code

The next meeting of the **Grid Code Review Panel** will now take place on **Tuesday 30th September 2008**. This is a change from the original date of 18th September.

Consultation Documents

B/07 - Improved Planning code data exchange for Compliance Assessments, submitted to the Authority for determination on 28th September 2007. The Authority has asked National Grid to consider a staged implementation of B/08 until 2011 and to advise further to link in inter alia with the start of the next DNO price controls. National Grid will advise the Authority shortly.

G/07 – Black Start, submitted to the Authority for determination on 20th May 2008. G07 approved by the Authority on 2nd July 2008 for implementation on 7th July 2008.

A/08 - Emergency Instruction to Emergency Deenergise, submitted to the Authority for determination on 12th May 2008. A/08 approved by the Authority on 13th June 2008 for implementation on 27th June 2008.

B/08 – Voltage Control and Reactive Power, consultation issued on 23rd May 2008 – closing date for responses was 23rd June 2008. B/08 was submitted to the Authority for decision on 24th July 2008.

C/08 – Data Exchange. Consultation document circulated on 13th June 2008 and the consultation closed on 11th July 2008.

D/08 – Grid Code Requirements for Technical Performance. Consultation document was issued on 2nd July and the consultation closed on 30th July 2008.

Working Groups

Grid Code Data Exchange Working Group

The GCRP agreed that the recommendations of the Working Group should proceed to industry consultation which is now Grid Code consultation C/08 – see above for details.

Grid Code Compliance Process Working Group

Working Group tasked with the review and recommendation of the codification of the compliance process and technical performance obligations (currently specified in the Compliance Guidance Notes). Technical Performance consultation now issued as D/08 – see above for details. Work is ongoing to codify ION/FON/LON arrangements, LEEMPS responsibilities and testing and monitoring of performance.

Grid Code Rated MW Working Group

Review the implications on the GB Transmission System of Generating Units operating above their Rated MW levels and recommend changes that may be required to the Grid Code and related industry documents. The Working Group will report back at September's GCRP Meeting. The Working Group will recommend an interim solution and that further work should be undertaken by the Reactive Power Working Group (see below).

GIS Working Group

Joint Grid Code and CUSC Working Group tasked with issues pertaining to the proliferation of GIS substations e.g. ownership boundaries, operational issues and enduring ownership.

Frequency Response Working Group

Joint Grid Code and CUSC Working Group tasked with issues pertaining to the acquisition of frequency response in light of new generation technologies and clarification of the existing Grid Code obligations and provision of Primary Response. The Working Group is to commence in Autumn 2008.

Reactive Power Working Group

Joint Grid Code and CUSC Working Group tasked with issues pertaining to the provision of reactive power in light of new generation technologies and clarification of the existing Grid Code obligations relating to the provision of reactive power. The Working Group is to commence in late 2008.

Charging

Associated with CUSC Amendments 161-166

Charging for "local" assets

NGET published a Conclusions Report to the Authority on Monday 15th September, regarding revisions to the charging arrangements for assets local to generation connections.

TNUoS residual generation charges

NGET published a pre-consultation regarding the treatment of the residual generation tariff in the calculation of TNUoS tariffs. Given the current volume of live industry consultation, the pre-consultation has an extended consultation period of 8 weeks. Comments are invited by 4th December, 2008.

Transmission Access Review

NGET has raised a suite of CUSC Amendment Proposals as part of the transmission access review for both long and short-term transmission access products. Working Group 1 is currently giving consideration to CAP161-164 which propose short-term entry products in the form of SO release of short-term entry rights, entry overrun, entry capacity sharing and connect & manage. Working Group 2 is currently giving consideration to CAP165 and CAP166 which propose finite long-term entry rights and long-term entry right capacity auctions respectively. Working Group 3 acts as a sub-group to 1 and 2, and is giving consideration to those supporting changes which could be required to implement those access products proposed.

Working Group Consultations for CAP161-166 have been published, with comments invited by 31st October, 2008. Given the scale of the task, the timescales associated with CAP166 have been extended by a further 2 weeks and a Working group Consultation is now anticipated in mid-October, with the CUSC Panel vote taking place at the December meeting.

AMALGAMATED ELECTRICITY CODES AMENDMENT REPORT

As at 14 October 2008

This document contains the Amendment Registers for the CUSC, STC, TCMF & 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/

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

TCMF: www.nationalgrid.com/uk/Electricity/Charges/TCMF/

Grid Code: 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

ANNEX 1
STC AMENDMENT REGISTER – AS AT 30 September 2008

All documents referred to in the Amendment Register are available on the National Grid STC website.

CA029	Investigation of a relevant interruption of a user and interruption payment obligations associated with such an interruption			
Proposer	National Grid	Submitted	11/03/08	Submitted Priority
				Normal
Amendment Description		Current status and progress		
<p>The amendment seeks to ensure that there is an investigation and report process in place to enable parties to identify the cause of certain interruptions to Users that results in the User being disconnected from the GB Transmission System. In addition, it seeks to oblige the relevant Transmission Owner to make the necessary Interruption Payments to NGET, which NGET will in turn be obliged under the CUSC to make such Interruption Payments to the affected User.</p>		<p>CA029 (investigation of a Relevant Interruption of a User and Interruption Payment obligations associated with such an interruption) was proposed by National Grid and discussed at the March 2008 STC Committee meeting. The STC Committee AGREED that CA029 should proceed to the Evaluation Phase for a maximum of two months. The Proposed Amendment completed the Evaluation Phase by May's STC Committee Meeting. The Proposed Amendment Report was approved at May's STC Committee meeting and will be sent out for Industry consultation on 2nd June 2008 with views requested by 16th June 2008. The consultation period closed on 16th June and there were no comments. The Amendment Report was submitted to the Authority on 23rd June 2008 for determination. The Authority approved CA029 on 28 July 2008, with an implementation date of 4 August 2008.</p>		
CA030	Amendment to the governance timescales			
Proposer	National Grid	Submitted		Submitted Priority
				Normal
Amendment Description		Current status and progress		
<p>CA030 - Amendment to add clarity to which information and data can be exchanged between NGET and the Scottish Transmission Owners in accordance with the STC.</p> <p>The amendment would add the allowance of disclosure of high level results of economic studies undertaken for assign investment planning options to a Transmission Owner. The amendment would also remove the references to specific Grid Code Clauses and instead refer more generally to the Grid Code.</p>		<p>The amendment proposal has been circulated to the STC Committee for comments. Comments to feed back via email and reported back at the October 2008 meeting.</p>		

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

All documents referred to in the Amendment Register are available on the National Grid CUSC website.

CAP167		Definition of a threshold(s) associated with the request for a Statement of Works	
Proposer	National Grid	Submitted	16/05/08
		Submitted Priority	Normal

Amendment Description

It is proposed to amend the CUSC to provide definitive clarification in the assessment of whether a small embedded power station development (or the aggregate effect of multiple projects) has a significant impact on the GB transmission system.

The proposal recommends that a CUSC working group is established to undertake the required analysis and decide on an appropriate MW threshold(s), which will provide transparent criteria of whether a DNO is required to request a Statement of Works from National Grid for small generation projects connecting to their system.

Current status and progress

- CAP167 was presented to the May 2008 Panel meeting. The Panel decided that CAP167 should proceed to Working Group. The first working group was held on 26th June.
- On 29 August 2008 the Panel and the Authority approved an extension of 1 month for the Working Group, in addition to the automatic 1 month extension provided by the implementation of CAP160.
- Working Group Consultation was published on 6 October 2008. Deadline for consultation responses is 3 November 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP166

Transmission Access – Long-term Entry Capacity Auctions

Proposer

National Grid

Submitted

25/04/08

Submitted
Priority

Normal

Amendment Description

It is proposed that all long-term entry access rights to the GB transmission system would be allocated by auction. Available access rights would be identified on a zonal basis, and released in annual (financial year) blocks. Auctions would be held annually, and capacity allocated on a pay as bid basis to the limit of the available ("baseline") zonal capability. Successful bookings would be underpinned by user commitment in the form of a liability to pay the accepted bids and a consequential requirement for financial security to be put in place. This will be developed during the assessment of the proposed amendment, in accordance with the Best Practice Guidelines for Gas and Electricity Network Operator Credit Cover.

Outside of a specified period, incremental capacity would be released by the System Operator where any unfulfilled bids in excess of the zonal reserve price were of a level sufficient to pass a regulatory test, which would be defined under a separate Incremental Entry Capacity Release (IECR) methodology.

The above arrangements would provide access to the wider transmission system. Separate arrangements would be put in place for infrastructure comprising generators' local connections to the wider system, such that potential new generators could first apply for a local connection, and then have their offer held open until the next auction for wider system capacity had concluded. It is envisaged that generators' bids for long-term entry access rights would be constrained to the sum of their prevailing contracted or offered local capacity limits in each zone. Separate arrangements for charging and security would apply for local infrastructure, and for the residual element of the entry Transmission Network Use of System (TNUoS) capacity charge, which it is proposed would be levied on a commoditised basis

Current status and progress

- CAP166 was presented to the April 2008 Panel meeting. The Panel decided that CAP166 should proceed to Working Group. Details of the Working Group can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/workingstandinggroups/wg165-166/>
- On 15 July 2008 the Panel and the Authority approved an extension of 2 months for the Working Group.
- On 3 October 2008 the Panel and the Authority approved an extension of 2 weeks for the Working Group Consultation to be published.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP165

Proposer

National Grid

Transmission Access – Finite Long-term Entry Rights

Submitted

25/04/08

**Submitted
Priority**

Normal

Amendment Description

Introduction of temporarily defined finite long-term entry access rights, and associated user commitment.

It is proposed that existing generators would nominate the number of (whole financial) years for which they require long-term entry access rights to the GB transmission system. This would be underpinned by user commitment in the form of a liability to pay associated charges and a requirement for financial security to be put in place. This will be developed during the assessment of the proposed amendment, in accordance with the Best Practice Guidelines for Gas and Electricity Network Operator Credit Cover. The commitment would be for any period requested by the user (i.e. there would be no rolling time limit), and rights could be extended by application at any time.

New generators (and any existing generators requesting an increased level of long-term entry access) would be required to book a defined number of years of entry access rights ("the trigger period"), and provide the associated user commitment (which would be approximately equivalent to 50% of the cost of providing the incremental capacity). This would replace the existing "final sums" regime.

The above requirements would apply to access to the wider transmission system. Separate arrangements would be put in place for infrastructure comprising generators' local connections to the wider system, including appropriate user commitment (which may be approximately equivalent to 100% of costs).

It should also be noted that the concurrent proposal to remove the residual element of the entry Transmission Network Use of System (TNUoS) capacity charge in the Use of System Charging Methodology means that the duration of the trigger period would need to be calculated on the basis of this revised charging regime (i.e. it would only be based on the wider locational element of the TNUoS charge). Consideration will additionally need to be given to the security arrangements to be put in place for the residual charge.

It is further proposed that long-term entry access rights be defined on a zonal basis, such that each User can share capacity between its power stations on a real time basis at a 1:1 exchange rate within defined zones

Current status and progress

- CAP165 was presented to the April 2008 Panel meeting. The Panel decided that CAP165 should proceed to Working Group. Details of the Working Group can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/workingstandinggroups/wg165-166/>
- On 15 July 2008 the Panel and the Authority approved an extension of 2 months for the Working Group.
- Working Group Consultation was published on the 3 October 2008. Deadline for consultation response is 31 October 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP164

Proposer

National Grid

Transmission Access – Connect and Manage

Submitted

25/04/08

Submitted Priority

Normal

Amendment Description

It is proposed that Generators who wish to connect to the system should have a fixed date for receiving TEC. This date, the 'TEC effective date', will be the later of the completion of "local" transmission works or an agreed fixed lead time. The fixed lead time will be discussed and agreed in the amendment assessment stage and codified in the CUSC. Initial options are 3 years (aligns with planning restrictions in Scotland); or 4 years (more consistent with historic performance of providing reinforcements).

The TEC effective date will be subject to 'force majeure' provisions as currently defined in the CUSC.

Following the initial offer, the TEC effective date can only be changed through a modification application; and if both the Generator and the Company agree, and other CUSC parties are not unduly affected.

The request for a TEC effective date is optional, and is made at the time of application. All types of generation seeking TEC can request a TEC effective date.

The definition of 'local' works will be established through the assessment of this proposal i.e. how 'deep' and what the consequences of such a definition would be.

Although not part of the CUSC, it is proposed that TEC granted with a TEC effective date be charged on the same principle as existing TEC, which is long-term incremental investment based (including any changes to local charging arrangements consistent with the changing principles).

There is a symmetrical obligation associated with the guarantee of a TEC date. This requires the generator to pay TNUoS charges for a minimum period irrespective of readiness of the generator to physically connect, subject to force majeure. The minimum period, will be agreed in the assessment of the proposal, to ensure equitable risk between other users and the connectee. This is intended to encourage the generator to apply only when consents have been granted i.e. for the purposes of this, force majeure excludes planning.

The transition arrangements for existing contracts will be agreed in the amendment assessment stage.

Current status and progress

- CAP164 was presented to the April 2008 Panel meeting. The Panel decided that CAP164 should proceed to Working Group. Details of the Working Group can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/workingstandinggroups/wg161-164/>
- On 15 July 2008 the Panel and the Authority approved an extension of 2 months for the Working Group.
- Working Group Consultation was published on the 3 October 2008. Deadline for consultation response is 31 October 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP163

Proposer

National Grid

Transmission Access – Entry Capacity Sharing

Submitted

25/04/08

Submitted

Normal

Priority

Amendment Description

It is proposed to introduce a zonal access product, allowing Generators to connect without wider system access rights and facilitating intra zonal access sharing between Generators on a 1:1 basis.

A local only application will allow users to become connected and begin to operate before any 'wider' reinforcement works are completed. The proposer suggests that 'local' works will be those that would facilitate the efficient exchange of entry rights between users within a zone on a 1:1 basis and facilitates users to gaining access to the wider system rights through other products (redistributed long-term rights or additional short-term rights). The assessment will consider the exact definition of 'local' works and highlight the pros and cons of the preferred definition. The charging arrangements associated with local works, which do not form part of the CUSC, will allow for efficient charging of variations arising from a generation User's choice (design variations) and also ensure that users who share zonal rights, or use short-term rights to access the system, contribute proportionately to the additional in assets required.

Zonal access rights will establish transmission access rights on a zonal rather than nodal level. This will be achieved by monitoring / settling access on a zonal company level. Therefore zonal access rights will implicitly introduce intra zonal access sharing on a 1:1 basis for an individual user. Entry capacity sharing will also extend this concept of sharing to multiple users. It is envisaged that a new Zonal Definition Methodology would establish and govern the definition of the zones. These zones would be applicable across all zonal products and associated charges. Moving to a zonal rather than nodal access regime has the potential to create additional constraints; the analysis in the assessment phase will seek to quantify this.

The process for notifying National Grid of Entry Capacity sharing arrangements between users will be developed during the amendment assessment stage. There are a number of possible models, such as: codifying the sharing through a new CUSC form (ex ante); notifying explicit transfer of rights ex ante; or ex post notification of transferred access rights.

Transition arrangements from the current Transmission Entry Capacity, TEC, will be considered in the amendment assessment stage.

Current status and progress

- CAP163 was presented to the April 2008 Panel meeting. The Panel decided that CAP163 should proceed to Working Group. Details of the Working Group can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/workingstandinggroups/wg161-164/>
- On 15 July 2008 the Panel and the Authority approved an extension of 2 months for the Working Group.
- Working Group Consultation was published on the 3 October 2008. Deadline for consultation response is 31 October 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP162

Transmission Access – Entry Overrun

Proposer National Grid

Submitted 25/04/08

Submitted Priority Normal

Amendment Description

Creation of a commercial mechanism for dealing with export above existing entry access capacity holdings.

This proposal would permit Generators to export in excess of their total entry access capacity holding (currently sum of TEC, LDTEC, STTEC). Export would be capped by “local” rather than “wider” system capability limits (e.g. CEC and any local transmission limits as detailed in the bilateral agreement), subject to continued Grid Code compliance. The additional volume of entry access used above existing entry access capacity holding would be ‘Entry Overrun’.

For the purposes of this amendment, it is suggested that the charging arrangements (codified in the charging methodologies) for Entry Overrun would establish charges related to the cost imposed of accommodating Entry Overrun.

Appropriate credit will be required. The level required would be established in the assessment stage in accordance with the Best Practice Guidelines for Gas and Electricity Network Operator Credit Cover.

This amendment includes a revised process for ‘local only’ applications (connection without long-term entry rights for the wider system) and a change in the nature of long-term and short-term entry rights from nodal to zonal. The zones used would be consistent across all long-term and short-term products. The proposer suggests that in order to ensure equitable treatment of non locational asset costs that the residual charge should be commoditised.

Current status and progress

- CAP162 was presented to the April 2008 Panel meeting. The Panel decided that CAP162 should proceed to Working Group. Details of the Working Group can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/workingstandinggroups/wg161-164/>
- On 15 July 2008 the Panel and the Authority approved an extension of 2 months for the Working Group.
- Working Group Consultation was published on the 3 October 2008. Deadline for consultation response is 31 October 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

Transmission Access – System Operator Release of Short-term Entry Rights

CAP161

Proposer National Grid

Submitted 25/04/08

Submitted Priority Normal

Amendment Description

It is proposed that National Grid would be permitted to release additional entry rights in operational timescales, the short term. These short-term entry rights would be released only when National Grid believes there is spare capacity, where spare capacity is defined in economic terms as capacity for which the ex ante reserve price exceeds the associated buyback risk.

National Grid would release short-term entry rights through auction(s) in operational timescales. The mechanics of the auction will be established in the assessment phase. The rights would be zonal with a duration optimised to best meet both User and System Operator requirements, to be agreed in the assessment. The additional entry rights may be offered through auctions in different timescales, e.g. x weeks ahead for a weekly right or year ahead for a quarterly right. Close to real time there may be a preliminary stage of the auction to ascertain interest and justify the analysis involved in producing the auction information and to allow auction zone volumes to be allocated more efficiently.

Full details of the proposal are available at
<http://www.nationalgrid.com/NR/rdonlyres/B0147FE5-DA07-4C15-AB77-9DB979CF89A0/25149/CAP161SystemOperatorReleaseofShorttermEntryRights.pdf>

Current status and progress

- CAP161 was presented to the April 2008 Panel meeting. The Panel decided that CAP161 should proceed to Working Group. Details of the Working Group can be found at <http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/workingstandinggroups/wg161-164/>
- On 15 July 2008 the Panel and the Authority approved an extension of 2 months for the Working Group.
- Working Group Consultation was published on the 3 October 2008. Deadline for consultation response is 31 October 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP160

Amendment Description

National Grid

Improvements to the assessment of Amendments

Submitted

25/04/08

Submitted Priority

Normal

It is proposed to re-order the governance process for Amendment Proposals to give a more robust and extended Working Group process which would be broadly in line with the BSC. This process would involve:

1. An extended working group phase of 4 months, which would include a consultation on the proposed Amendment to gain industry views. We anticipate that the precise time for consultation would be at the discretion of the Working Group Chair but would anticipate that this consultation would occur once the Working Group had 'worked up' the detail of the important aspects of the modification;
2. The results of the Working Group consultation, including consideration of any suggested alternative approaches to the defect would then be considered by the Working Group in its continuing work.
3. Once complete, Working Group would then submit a draft Amendment Report to the CUSC Amendments Panel for consideration.
4. The draft Amendment report would be discussed by the Panel. If the report is accepted by the Panel, the Panel discussion and views would be added to the draft report to form the Amendment Report.
5. Following the Amendment Report Consultation if new a issue arose the Panel could chose to return to the Working Group or instigate a Working Group for further work, subject to time constraints.
6. The Amendment report would be consulted on for a further period before returning to the Panel for final vote.
7. The CUSC Panel would then vote as per the existing process

Note for Amendment Proposals that do not go to Working Group , the Amendment Proposal would go straight to consultation with the inclusion of any Panel comments and discussion, and return to Panel at step 5 for discussion on the Consultation responses.

Under this process, the only stage of the proposed Amendment Process that would allow for alternatives to a CUSC Amendment Proposal is the Working Group stage. The aim of this is to ensure that any alternative options raised by the industry in consultation or by Working Group members can be fully considered by the experts on the Working Group.

This process would create a governance process similar to the BSC process and therefore create consistent code governance

Current status and progress

CAP160 was presented to the April 2008 Panel meeting. The Panel decided that CAP160 should proceed to Consultation for 4 weeks. CAP160 was issued for Consultation on 29th May, with a closing date for responses of 26th June. The Panel voted on CAP160 on 18th July 2008. The Amendment Report was submitted to the Authority for consideration on 25th July 2008. The Authority approved CAP160 on 14 August 2008 with an implementation date of 15 August 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP150

Proposer National Grid

Submitted

21/06/07

**Submitted
Priority**

Normal

Amendment Description

It is proposed to amend the CUSC to enable The Company to ascertain whether a User's power station project (Project) will be capable of utilising the transmission capacity provided for in its Bilateral Agreement by the Completion Date. If the User is unable to provide satisfactory evidence that this is the case then The Company would have the right to propose changes to the User's Bilateral Agreement and Construction Agreement to reduce the capacity to an appropriate level and revise the Construction Works as necessary to reflect this. In addition The Company has the ability to recover the cost from the User of any abortive works (or relevant User Commitment Charges) as a consequence of this reduction in capacity and for The Company's costs associated with processing such changes (as if the changes were requested by the User) on same basis as Modification application Fees.

Capacity Reduction

Current status and progress

- CAP150 was presented to the June 2007 Panel meeting. The Panel decided that CAP150 should proceed to Working Group for 3 months. The first Working Group meeting was held on 18th July. A request for a month's extension was made at the September CUSC Panel, this was approved by the Authority. The Working Group Report was presented to the October Panel, it was approved with minor amendments. The Panel agreed for CAP150 to Proceed to Consultation for 4 weeks. CAP150 was issued for Consultation on 29th November, with a closing date for responses of 27th December. A Consultation Alternative was issued on 30th January with a closing date of 13th February. The Panel voted on CAP150 on 29th February 2008. The Amendment Report was submitted to the Authority for consideration on 28th March 2008. The Authority approved CAAA on 1st May with an implementation date of 16^h May 2008.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP149

Proposer SSE Generation Limited

Submitted 21/06/07

TEC Lite

Submitted Priority Normal

Amendment Description

It is proposed to amend the CUSC to formalise existing transmission access arrangements whereby some Users, through non-standard variations to their Bilateral Agreement, have restricted access to the GB Transmission System.

The proposed amendment would establish a new enduring access product for existing and future Users with such restricted access rights. The proposed new product is to be termed the TEC-lite

Current status and progress

CAP149 was presented to the June 2007 Panel meeting. The Panel decided that CAP149 should proceed to Working Group for 3 months. The first Working Group meeting was held on 25th July. The Working Group Report was presented to the September Panel, it was approved with minor amendments. The Panel agreed for CAP149 to Proceed to Consultation for 4 weeks. CAP149 was issued for Consultation on 19th October, with a closing date for responses of 16th November. A Consultation Alternative was issued on 7th December with a closing date of 21st December. The Panel voted on CAP149 on 25th January 2008. At the February 2008 CUSC Panel, the Panel were requested to vote on the disparity between the proposed implementation dates and whether Scottish and Southern Energy's comments had been reflected accurately. The Amendment Report was submitted to the Authority for consideration on 17th March 2008. The Authority approved CAP149 on 23rd April with an implementation date of 24th May 2008.

CAP148

Deemed Access Rights to the GB Transmission System for Renewable Generators

Proposer Wind Energy (Forse) Limited

Submitted 19/04/07

Submitted Priority Normal

Amendment Description

This Amendment Proposal will prioritise the use of the GB Transmission System by renewable generators, in accordance with the Renewables Directive 2001/77, Article 7.

Renewable generators will be given firm access to the GB Transmission System up to their CEC limit by a fixed date and be compensated to the extent they are constrained from exercising such right by the payment of a new category of Interruption Payment. This will be irrespective of whether or not any associated deep reinforcement works have been constructed and/or commissioned by such date

Current status and progress

- CAP148 was presented to the April 2007 Panel meeting. The Panel decided that CAP148 should proceed to Working Group for 3 months. The first meeting was held on 21st May. At the June CUSC Panel an extension for a further month was granted. The Report was presented at the August Panel, a request was made for further information to be added, which will be e-mailed to the CUSC Panel for approval of the Working Group Report. The Working Group Report was accepted by the CUSC Panel, and CAP148 was issued for Consultation on 28th September, with a closing date for responses of 26th October. The Panel voted on CAP148 on 30th November 2007. The Amendment Report was submitted to the Authority for consideration on 14th December 2007.

ANNEX 1

CUSC AMENDMENT REGISTER – as at 6 October 2008

CAP144

Proposer National Grid

Emergency Instruction to emergency deenergise

Submitted 18/01/07

**Submitted
Priority** Normal

Amendment Description

It is proposed to extend the provisions introduced by CAP048 (Firm Access and Temporary Physical Disconnection) to include the specific circumstances when a Generator is exporting but is required to deenergise / disconnect from the Transmission System in an emergency via an Emergency Instruction (EI) issued by National Grid in Balancing Mechanism timescales in accordance with the Grid Code.

Current status and progress

- CAP144 was presented to the January 2007 Panel meeting. The Panel decided that CAP144 should proceed to Working Group for 3 months. The first meeting was held on 14 February 2007. The Working Group Report will be presented to the April 2007 CUSC Panel. The Working Group Report was presented to the CUSC Panel on 27th April 2007, it was agreed to proceed to Consultation for 5 weeks to allow for Bank Holidays. The Consultation was issued on 18th May with a closing date of 22nd June. A Consultation Alternative was issued on 3rd July with a closing date of 17th July. The Panel voted on CAP144 on 31st August 2007. The Amendment Report was submitted to the Authority for consideration on 17th September 2007. The Authority approved WGAA which was implemented on 27th June.

CAP131

Proposer National Grid

User Commitment for New and Existing Generators

Submitted 21/09/06

**Submitted
Priority** Normal

Amendment Description

This Amendment Proposal adds a new section to the CUSC defining the principles of User Commitment. By "User Commitment", we mean;

1. defining the monies to be secured by generators for incremental TEC; and
2. defining the ongoing liabilities of existing generators to incentivise TEC reduction information.

Current status and progress

- CAP131 was presented to the September 2006 Panel meeting. The Panel decided that CAP131 should proceed to working group for 3 months. The first meeting of the Working Group was held on 19 October 2006. The Working Group requested an extension of 2 months at the CUSC Panel Meeting on 24 November 2006 which the Authority approved. The report will now be given to the February 2007 CUSC Panel. The Working Group Report was presented to the CUSC Panel on 23 February 2007, it was agreed to proceed to Consultation for 4 weeks. The Consultation was issued on 16th March with a closing date of 13th April 2007. A number of Consultation Alternatives have been proposed and a further Consultation Document will be issued for 2 weeks. A number of Consultation Alternatives were proposed and a further Consultation Document was issued for 2 weeks on 8th May. The Panel voted on CAP131 on 29th June 2007, details of the vote were issued to the CUSC Panel for 5 days on 2nd July 2007. The Amendment Report was issued to the Authority on 24th July 2007. Impact Assessment issued 6 June 2008. Deadline for responses 18 July 2008. Authority considering the responses to the Impact Assessments.

Grid Code Consultation Papers - Current Status Report – September 2008

Paper Ref.	Grid Code Change Reference	Current Status	Notes
B/07	Improved Planning Code Data Exchange for Compliance Assessments	Pending Authority Decision	Submitted to the Authority on 28 th September 2007. The Authority has asked National Grid to consider a staged implementation and to advise further.
G/07	Black Start	Implemented	Approved by the Authority on 2/7/08 for implementation on 7/7/08.
A/08	Emergency Instruction to Emergency De-energise	Implemented	Approved by the Authority on 13/6/08 for implementation on 27/6/08.
B/08	Voltage Control and Reactive Power	Pending Authority Decision	Submitted to the Authority for decision on 24/7/08.
C/08	Data Exchange	Consultation	Consultation document circulated on 13/6/08 and the consultation closed on 11/7/08.
D/08	Grid Code Requirements for Technical Performance	Consultation	Consultation document circulated on 2/7/08 and the consultation closed on 30/7/08.

Table 2 - Grid Code Review Panel – Outstanding Issues – September 2008

Issue	Summary of current position	Date last Reviewed	Date Next review
Time Tagging of Dynamic Parameters, NTO/NTB, QPN'S	<p>Presentation to 5/09/02 GCRP meeting highlighted need for industry business cases to be developed in order to justify further progress on associated system changes.</p> <p>Last mentioned in GCRP minutes 21/11/02. Panel Members agreed that business cases would need to be developed to justify the extensive changes to IS systems to accommodate Time Tagging. As of date nobody has come forward with a business case.</p>	20/09/07	September 2008
Capacity terms used in the Grid Code	<p>Generation Capacity and Registered Capacity are defined differently in the BSC and Grid Code respectively and the need has been identified to review the various capacity terms used in the Grid Code with a view to rationalisation.</p>	15/11/07	Review post-P215 Decision
High/Low frequency trip settings on small embedded plant.	<p>Perceived lack of clarity of requirements identified for plant between 5 and 50MW due to apparent gap in existing documents (G59 and G75). Cause for concern for future but recognise that issue needs to be resolved asap due to leadtimes for design and manufacture of plant.</p> <p>DCRP Working Group established, GCRP to be kept informed of relevant developments decisions.</p>	23/09/04	On-going
Regional Differences in the Grid Code including Small/Medium/Large Power Stations	<p>GCRP obligation to consider regional differences included in the Grid Code. Working Group set up, focussing initially on definitions of Small/Medium/Large Power Stations. Implementation of B/06 on 1st September 2006.</p> <p>Review of outstanding issues to be completed. Panel agreed at September's 2007 GCRP to add the remaining regional differences items to the outstanding issues list.</p>	September 2007	September 2008
Power Park Module Extensions	<p>The Grid Code PPM Working Group agreed that the issue regarding the applicability of technical requirements to PPM extensions would benefit from further analysis due to the complexity of issues surrounding the matter.</p>	07/09/06	On-going

Issue	Summary of current position	Date last Reviewed	Date Next review
System Security	Ensure that the GCRP and the industry are kept informed of any developments.	24/11/05	On-going
Codification of Generic Requirements currently included in Bilateral Agreements	Review of current requirements in Appendix F5 which may be codified in the Grid Code.	15/02/07	On-going
Grid Code Implications of New Technologies	Review pending on new generation Grid Code obligations	15/02/07	May 2008
Delegation of Authority for Busbar Switching Contracts	<p>ENA task group established to review existing processes.</p> <p>The new format was trailed at Melksham i.e. DOA Contract referring to SRS and SRS detailed the relevant equipment. Group currently reviewing how best to proceed.</p>	15/02/07	On-going
Control Telephony Electrical Standard	Establishment of a Control Telephony Electrical Standard for Scotland	17/05/07	May 2008
CC.6.2.2.2 (a) – Fault Clearance Times	Review required of CC.6.2.2.2(a) provisions such that the intention of the obligations is made more explicit	17/05/07	May 2008
System Telephony Electrical Standard	Establishment of a System Telephony Electrical Standard	20/09/07	September 2008

Table 3 - Grid Code Review Panel – Regional Differences Issues – January 2008

Issue	Summary of current position	Date last Reviewed	Date Next review
<p>Technical requirement covering CC.6, CC.A.3, Planning Code requirements, OC5, BC2.A.2.6 and including any relevant definitions which may be grouped into the following areas:</p> <ul style="list-style-type: none"> o Voltage Fluctuation o Fault Clearance Time o Protection Equipment 	<p>September 2006's GCRP, Panel agreed to review the matter in a year's time.</p>	<p>20/09/07</p>	<p>September 2008</p>
<p>Operational process and interfaces, mainly the Operating Codes, including relevant definitions which may be grouped into the following areas:</p> <ul style="list-style-type: none"> o OC1 & OC2 – Demand Blocks, Load Transfer capability o OC7 – Operational Switching o OC9 – Black Start 	<p>September 2006's GCRP, Panel agreed to review the matter in a year's time.</p>	<p>20/09/07</p>	<p>September 2008</p>
<p>The feasibility of merging the two sections of OC8 (Safety Coordination).</p>	<p>A review is currently on-going regarding the feasibility of merging the two section of OC8 (Safety Coordination). All Transmission Owners are participating in the review; findings and/or proposals from the review will be presented to the GCRP in due course.</p>	<p>20/09/07</p>	<p>On-going</p>