

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

CAP161 (Transmission Access – System Operator Release for Short-Term Entry Rights) The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access

CAP162 (Transmission Access – Entry Capacity Sharing). The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access

CAP163 (Transmission Access – Entry Capacity Sharing) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem. The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access

CAP164 (Transmission Access – Connect & Manage) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem. The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access

CAP165 (Transmission Access – Finite Long-Term Entry Rights) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem. The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access.

CAP166 (Transmission Access – Long-Term Entry Capacity Auctions) – CUSC Panel Vote held on 27th February. Amendment Report is now with Ofgem. The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access

CAP167 (Definition of a threshold(s) associated with the request for a Statement of Works) Amendment Report is now with Ofgem. The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access.

CAP168 (Under-use and reallocation of TEC) - Assessed as Urgent. Amendment Report sent to Ofgem on 20th May 2009. The Authority decision is on hold pending outcome of DECC's consultation on improving Grid Access.

CAP170 Category 5 System to Generator Operational Intertripping Scheme. Amendment Report is now with Ofgem for decision. Ofgem issued a third Impact Assessment on CAP170, focussing on competition issues which closed on the 23rd February 2010.

CAP179 Prevention of "Timing Out" of Authority decisions on Amendment Proposals –The Amendments Panel agreed for CAP179 to proceed to Working Group. The Working Group Report is to be submitted to the Amendments Panel on 25th June 2010.

CAP180 Amendments to the Governance Process – The Amendments Panel voted unanimously that CAP180 better facilitates achievement of the CUSC Applicable Objectives on 30th April 2010. The final Amendment Report was submitted to the Authority for decision on the 19th May.

CAP181 Consequential changes related to Grid Code Amendment A/10 (Compliance) – The Amendments Panel agreed for CAP181 to proceed to Working Group. At the last Working Group meeting held on the 25th June four alternatives were proposed. The Working Group consultation is due to be published imminently

CAP182 Provision of frequency response from DC converters - National Grid presented the Amendment Proposal to Amendments Panel on the 21st May 2010 for consideration. The Panel agreed for CAP182 to proceed to Working Group with a view to being presented at September 24th 2010 CUSC Panel meeting.

Grid Code

The most recent meeting of the **Grid Code Review Panel** was held on 20th May 2010 and the next meeting will take place on 23rd September 2010.

Consultation Documents

2010

A/10 - Compliance Consultation was published on the 1st February 2010, responses were requested by the 18th June. In conjunction consequential changes have been identified with the DCode and the CUSC (CAP181).

B/10 - Record of Inter-system Safety Precautions (RISSP) Consultation published on the 2nd February 2010, responses were requested by the 30th March 2010. Five responses have been received a Working Group Report is currently being drafted.

2009

B/09 – Category 5 System to Generator Inter-tripping Scheme. Urgent Grid Code Modification to include a definition of a Category 5 Inter-tripping Scheme in the Grid Code in tandem with CAP 170. A report was submitted to the Authority on 25th March. Ofgem published the Regulatory Impact Assessment (RIA) on 21st May for CAP170. B/09, which closed on 2nd July. A subsequent related RIA on Charging Methodology proposal GB ECM-18 regarding the introduction of locational signals within Balancing Services Use of System (BSUoS) tariffs has been published by the Authority, which will close on 21st Jan 2010.

C/09 – Housekeeping amendments were identified in the Grid Code. A Consultation was published on 1st May and responses were received prior to 1st June 2009. Additional housekeeping changes were identified relating to the post go active text for the recently implemented offshore codes. Ofgem have been contacted to clarify their preferred way forward whether to include a single house keeping amendment for pre and post go active or to have the housekeeping issues as two separate Amendments. Ofgem have informed to keep the two housekeeping issues as two separate Amendments. A report is expected to be sent to Ofgem in June

F/09 – Consequently Grid Code amendments were required following the raising of BSC modification P243. A Consultation was raised in late October and a final Report to the Authority was published on **11th December 2009**. The Authority has approved F/09 with an implementation date of the **24th November 2010**

G/09 – Short Circuit Ratio Requirement, the Consultation was published on the 12th November 2009 with a request for comments by the 10th December 2009. Three responses were received, all broadly supportive; A report to the Authority was published on 19th May.

H/09 – Detailed Planning Data. A Consultation document was published on 23rd December 2009 proposing changes to the timescales in which a User submits data prior to connection. The Consultation closed on the **27th January 2010**, the Report to the Authority is expected to be submitted shortly.

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 is due to commence on the 19th July 2010.

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 will be submitted to September Panel meeting.

Grid Code Compliance Process Working Group

At the Extraordinary GCRP meeting in Jan 2010, it was agreed, to publish the Consultation document A/10, the Working Group had met its Terms of Reference and therefore it was disbanded. The Consultation was published in Feb 2010 and closes on 18th June.

GIS Working Group

The last Working Group meeting was held on the 11th May 2010 where the members agreed a draft Working Report for submission to the May GCRP panel in parallel to the May CUSC Panel meeting. Both of the Panels agreed with the recommendations proposed by the Working Group members and once final legal drafting is agreed by the Working Group, the WG will be disbanded and the required Grid Code and CUSC Amendments will be raised. .

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 assessing the existing Grid Code obligations for appropriateness for the current environment. At the previous Working Group meetings the members developed a matrix summarising the feasible options going forward. It was concluded that the initial six options identified needed further clarification. ROCOF relays were identified as a potential concern for future embedded plant when system inertia decreases.

The settings were potentially identified as being too stringent and needed broader ranges to stop future, unnecessary tripping events. The group also identified that system inertia, could reduce the impact of a tripping event. At the April Working Group meeting, Raoul Thulin presented the group with a revised version of the Frequency Response matrix. The matrix grouped together different scenarios by Generating Unit, Company portfolio and Technology type. It was discussed whether it was feasible to trade capacity delivery within these three groups.

At the 1st June 2010 Working Group meeting the Group looked at Grid Code Obligations, Frequency Response market, delivery options and a potential "Frequency Response Economic Test" were discussed.

Reactive Power Working Group

The Working Group is expected to commence work in November 2010, after the conclusion of the Frequency Response joint Working Group.

Frequency & Voltage Operating Range

At the 21st 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.

A final Working Report was submitted to the 20th May GCRP Panel Meeting introducing time limits into the frequency operating ranges for directly connected generators. The GCRP accepted the Working Group Report and National Grid will published the work as an industry Consultation in July 2010.

Charging

GB ECM-19: Largest Loss Frequency Response

National Grid published a consultation on largest loss Frequency Response on the 11th June 2010 responses have been requested by close of play Friday 9th July 2010.

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 3rd February, 2010 and the conclusions report is currently being drafted.

GB ECM-23: Pre-Consultation: Transmission Arrangements for Distributed Generation

National Grid published a pre-consultation on the charging and access arrangements for distributed (embedded) generation 15th January 2010. The consultation closed on 26th February, 2010. On the 2nd March 2010 Industry responses to the Pre Consultation was published on the website, with additional responses added on the 9th March 2010. Presentations from Working meeting 1, 2 and 3 have also been published on the external website.

GB ECM - 24 Consultation Document: Update to Charging arrangements associated with Offshore Transmission Networks.

National Grid published a consultation document on the 16th April 2010 to update the charging arrangements for Offshore Transmission Networks. This includes updates to clarifications of the methodology and its application in line with Modification Proposal GBECM -08 (option 1). On the 24th May 2010 the responses to the consultation was published on the National Grid website.

AMALGAMATED ELECTRICITY CODES AMENDMENT REPORT

As at 15th June 2010

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/

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/

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 2nd June 2010

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

CA031		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted Priority	Normal
		18/11/08		
Amendment Description		Current status and progress		
CA031 - has been raised as a consequence of CUSC Amendment Proposal CAP167 which addresses the problem by developing a Relevant Embedded Small Power Station (RESPS) Methodology which will form a basis for calculating RESPS Thresholds for each Grid Supply Point. NGET shall prepare a draft RESPS Methodology in consultation with owners and operators of Distribution Systems and relevant Transmission Licensees. Following this initial consultation NGET shall publish the RESPS Methodology on the NGET website for a period of 28 days for parties to provide comments to NGET.		The amendment proposal has been circulated to the STC Committee for comments. Comments to feedback via email and reported back at the January 2009 meeting. Evaluation phase to be completed by SPT and SHETL Draft Amendment Report to be approved at the February STC meeting. The STC Committee approved for CA031 to proceed to Company Consultation for a period of 10 days. The final report was submitted to the Authority on the 18th March 2009 we are now awaiting a decision. The intention was to submit a new amendment Proposal, CA034 to replace CA031 with revised legal text, but as the outcome of the DECC/Ofgem Transmission Access Review has not yet been finalised, CA034 Amendment Proposal has been withdrawn at the February 2010 STC Committee meeting with a view to re-submitting if required at a later date.		

ANNEX 1
STC AMENDMENT REGISTER – AS AT 2nd June 2010

CA033		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted	Normal
		23/06/09	Priority	
Amendment Description		Current status and progress		
House keeping Amendment proposal for Correction of referencing error. Section H, Paragraph 4.3.12 refers to Section E, paragraph 4.1 and requires correction to read Section E, paragraph 5.1.		The Amendment Proposal was brought to attention of the committee at the June STC meeting. The STC committee would now like more information with regards to the nature of the additional highlighted mark ups. CA033 has been re- issued to the STC Committee to include Offshore changes. The STC Committee approved the Proposed Amendment Report to go out for industry consultation on 2nd September 2009 for five days. At the September 29th STC Committee meeting, the STC Committee agreed for the CA033 Amendment Report to be submitted to the Authority. It was submitted to the Authority on 29th September 2009. A revised issue dated 26th October 2009 was sent to the Authority with a covering letter to request that the Authority consent changes to be made to the STC with reference to be paragraph numbering is awaiting a decision. CA033 was Withdrawn on the 3rd November 2009. All housekeeping issues are to be captured under the Transmission licence SLC B12 paragraph 7 (b) (iii) with the consent of the Authority, ongoing.		
CA034		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted	Normal
		26/02/10	Priority	
Amendment Description		Current status and progress		
CA034 Definition of Thresholds Associated with Statement of Works		The Amendment Proposal was submitted for the attention of the Committee at the January 2010 STC meeting. The Committee agreed that further consideration was to be given to the legal text in comparison to that which was in CA031. Following the February STC Committee meeting National Grid formally withdrew CA034 with a view to resubmitting a similar proposal once the outcome of the Transmission Access Review was complete.		

ANNEX 1
STC AMENDMENT REGISTER – AS AT 2nd June 2010

CA035		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted	Normal
		27/04/10	Priority	
Amendment Description		Current status and progress		
CA035 Offshore Transmission Compliance & Testing. The proposal intends to add a new section K as result of Grid Code Consultation A10 Compliance. The minimum technical, design and operational criteria and performance criteria that Offshore Transmission Owners (OFTO) must satisfy.		CA035 was submitted to April STC committee meeting without the legal text. The members agreed to consider whether the proposal should proceed to assessment and report phase or Evaluation stage. The legal text was forwarded prior to the May STC Committee meeting, some comments had been received. The group agreed for the proposal to proceed directly to assessment and Report Phase providing that the necessary changes were made and agreed. A revised version of the legal text is to be circulated.		
CA036		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted	Normal
		27/04/10	Priority	
Amendment Description		Current status and progress		
CA036 Changes to Offshore Development Information Statement. The proposed amendment seeks to put in place provisions which will describe what activities are required from the Transmission Owners to support NGET in its preparation of the Offshore Development Information Statement.		CA036 was submitted to April STC committee meeting. The group agreed to consider whether this proposal should go to Evaluation stage and comments are to be forwarded before the June STC Committee meeting. At the May STC Committee the members agreed for the proposal to proceed to Assessment and Report Phase. A draft Amendment Report is to be circulated STC Committee for comment.		
CA037		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted	Normal
		18/05/10	Priority	
Amendment Description		Current status and progress		
CA037 Inclusion of list of parties to the STC. The proposed amendment seeks to put in place a new schedule, 'Schedule A', to include a list of party details. The introduction of Offshore Transmission Licence holders being made parties to the STC, will increase the number of Transmission Owners therefore it would seem sensible to have a list of all Onshore and Offshore Transmission Owners.		CA037 was submitted to May STC Committee meeting for consideration. The STC Committee welcomed proposal and agreed for it to proceed to Assessment & Report Phase. A draft Amendment Report is to be circulated STC Committee for comment.		

ANNEX 1
STC AMENDMENT REGISTER – AS AT 2nd June 2010

CA038		Amendment to the governance timescales		
Proposer	National Grid	Submitted	Submitted	Normal
		18/05/10	Priority	
Amendment Description		Current status and progress		
CA038 Transitional election arrangements for Offshore Transmission owners. The amendment proposes to amend Paragraph 6 of Section B (Governance) to create a 'Transitional Period' in which Offshore Transmission Owners (OFTOs) are able to be represented on the STC Committee for the periods which Annex B1 of Section B does not allow.		CA038 was submitted to May STC committee meeting without the legal text for consideration. Consideration is currently being given as to whether proposal should proceed through the normal governance arrangements or go through the urgent amendment proposal route.		

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP181 **Consequential changes related to Grid Code Amendment A/10 (Compliance)**

Proposer	National Grid	Submitted	26/02/10	Submitted Priority	Normal
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CAP181 is raised as a consequential change to Grid Code Consultation proposal A/10, published on 1st February 2010. A/10 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 Grid Code Compliance Working Group identified consequential changes to a number of industry codes, including the CUSC, Distribution Connection and Use of System Agreement (DCUSA) and the Distribution Code.

If implemented, without consequential changes to the CUSC and DCUSA also being made, A/10 would leave National Grid and Licence Exemptible Embedded Medium Power Stations (LEEMPS) and DCCS with potentially unlimited liabilities to each other. CAP181 seeks to amend the CUSC to ensure that the existing industry position on limiting liabilities is retained. The specific changes required are:

- a) CUSC Parties, including National Grid, would waive the right to claim directly against a LEEMPS or DCCS for breach of the Distribution Code;
- b) CUSC Parties would instead pursue a claim against the Distribution Network Operator to whose system the LEEMPS is connected, who in turn would claim against the LEEMPS or DCCS for physical damages under the DCUSA.
- c) Any claim by CUSC Parties would be limited to a maximum of £1 million, in line with the terms of the DCUSA (in force at the date of raising this Amendment Proposal).

CAP181 was presented to the CUSC Amendments Panel on 26 February 2010. The CUSC Amendments Panel agreed CAP181 to proceed to Working Group, with a view to being presented to the CUSC Amendments Panel on 25 June 2010.

Two Working Group meetings have been held and four alternatives have been proposed. The Working Group consultation is due to be submitted shortly.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP180 Amendments to the CUSC Process

Proposer National Grid

Submitted 26/02/10

**Submitted
Priority** Normal

Amendment Description

CAP180 seeks to change two areas of the CUSC with the aim of improving participation of non-CUSC Parties at Working Group meetings and improving the management and fair treatment of observers at these meetings.

Currently only a CUSC Party can raise a Working Group Consultation Alternative Request and nominate themselves to become a Working Group member. The following proposals aim to improve provisions for non-CUSC parties by:-

- I. Extending the right to raise a Working Group Consultation Alternative Request to Balancing and Settlement Code (BSC) Parties and the National Consumer Council (NCC).
Extending the right to BSC parties and the NCC to nominate themselves to become a Working Group member.

The following proposals seek to amend the CUSC in order to improve the management and fair treatment of observers attending Working Group meetings through:-

- III. Removing a Working Group member's right to invite an observer to a Working Group meeting.
IV. Removing a Working Group member's right to invite an observer to speak at a Working Group meeting.
v. Add provisions to enable observers to be removed by the chairman when causing disruption at a Working Group meeting.

Current status and progress

CAP180 was presented to the CUSC Amendments Panel on 26 February 2010. The Amendments Panel agreed for CAP180 to proceed to Company Consultation with a view to being presented to CUSC Amendments Panel on 30th April 2010.

Four responses were received to the Company Consultation. The Amendment Panel voted unanimously that CAP180 better facilitates achievements of the CUSC Applicable Objectives.

The Amendments Panel agreed for the Final Amendment Report to be submitted to the Authority for decision.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP179 Prevention of “Timing Out” of Authority decisions on Amendment Proposals

Proposer National Grid

Submitted 29/01/10

**Submitted
Priority** Normal

Amendment Description

This Amendment Proposal seeks to remove the potential for an Authority decision on an Amendment Proposal to "time out". "Timing out" occurred within the industry in 2007 when the Authority was unable to provide its decision on BSC Modification Proposals P198, P200, P203 and P204 before the final date allotted for such a decision in the Final Modification Report. A subsequent Judicial Review ruled that when the Authority did not make its decision by the latest date included in the Final Modification Reports, it lost the ability to make any decision on those Proposals.

This Amendment Proposal seeks to address three issues:

1) "Timing Out" of Authority decisions on Amendment Proposals.
A description of the circumstances which can cause "timing out" is included in the section above. The result of "timing out" is to cause uncertainty among the industry as to the future of an Amendment Proposal, as well as the timescales surrounding that proposal. It also has the potential to waste resources in terms of the costs incurred by industry participants in raising and considering an Amendment Proposal which may then "time out".

Current status and progress

CAP179 was presented to the Amendments Panel on 29th January 2010. The Amendments Panel agreed for CAP179 to proceed to working Group with a view to being presented at the Amendments Panel meeting on 30th April 2010.

The CUSC Amendments Panel were informed at the 26th February meeting that the proposed meeting date of 2nd March 2010 would need to be cancelled due to lack of availability of Working Group members. An alternative date is being considered.

Two Working Group meetings have taken place. Six responses were received to the Working Group consultation. The Working Group Report will be presented to the Amendments Panel at the June 2010 meeting.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP179 Prevention of “Timing Out” of Authority decisions on Amendment Proposals

Proposer National Grid

Submitted 29/01/10

Submitted
Priority Normal

Amendment Description

Current status and progress

2) Concerns over timely decision making.
During Ofgem's consultations on "timing out", industry participants raised concerns over timely decision making. National Grid seeks to address this by formalising a process whereby the Amendments Panel may write to the Authority to highlight where a decision has not been provided, either within a given timeframe or where certain conditions are met.

3) Ongoing validity of industry analysis supporting a Panel recommendation. A further concern raised by industry participants was that, where a significant period of time has elapsed between a recommendation being provided to the Authority and the Authority making a decision, the underlying circumstances will have changed and any supporting analysis may be out of date. The proposal provides a mechanism for the Panel to consult industry participants on time-related concerns which could include the validity of analysis where a period of time has passed since its completion.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP176 **Correction of errors contained in the provisions for post-implementation reviews for Urgent Amendment Proposals**

Proposer National Grid

Submitted 25/09/09

**Submitted
Priority** Normal

Amendment Description

This Amendment Proposal seeks to amend the process described in the CUSC through which a review will be conducted following implementation of an Urgent Amendment Proposal (8.21.1.9). This proposal seeks to make explicit how such a review will take place and tidy up the existing CUSC provisions which currently contain some errors.

The proposal also seeks to correct an error in the clause relating to post-implementation review after implementation of an amendment in accordance with the Transmission Licence other than pursuant to the standard Amendment Procedures (8.23.5).

Current status and progress

CAP176 was presented to the CUSC Panel on 25 September 2009. The CUSC Panel agreed for CAP176 to proceed to Company Consultation with a view to being presented at the CUSC Panel meeting on 27 November 2009.

CAP176 proceeded to Company Consultation on 7th October and closed on 29th October 2009. Four responses were received which all supported the Amendment Proposal.

At the Amendments Panel on 27th November 2009 the Panel voted unanimously that CAP176 better facilitates achievement of Applicable CUSC Objective (a). The Final Amendment Report was submitted to the Authority for decision on 18th December 2009.

The Authority approved CAP176 on 27th January with an implementation date of 2nd February 2010.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP175 Urgent Amendment Proposals – Revisions to Process

Proposer	Submitted	Submitted Priority
National Grid	25/09/09	Normal
Amendment Description	Current status and progress	
<p>t is proposed that It is proposed that the following changes be made to the CUSC:</p> <ul style="list-style-type: none">• The ability to recommend that a proposal be treated as urgent be extended to include the National Consumer Council and BSC Parties (as well as CUSC Parties)• The Panel Chairman to determine the time by which a decision on urgent matters should be made• A meeting of the CUSC Amendments Panel to be convened to discuss the matter• Specification of the process to be followed should not all Panel Members be available for the meeting, or should it not be possible to contact an appropriate number of Panel Members (please see detail set out in proposed attached legal text)• The Amendment Report to include the Authority and Panel view on urgency (as well as the proposer's view as currently provided for in the CUSC)	<p>CAP175 was presented to the CUSC Panel on 25 September 2009. The CUSC Panel agreed for CAP175 to proceed to Company Consultation with a view to being presented at the CUSC Panel meeting on 27 November 2009.</p> <p>CAP175 proceeded to Company Consultation on 7th October and closed on 29th October 2009. Four responses were received which all supported the Amendment Proposal.</p> <p>At the Amendments Panel on 27th November 2009 the Panel voted unanimously that CAP175 better facilitates achievement of Applicable CUSC Objective (a). The Final Amendment Report was submitted to the Authority for decision on 18th December 2009.</p> <p>The Authority approved CAP175 on 27th January with an implementation date of 2nd February 2010.</p>	

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP173 Reactive Power Market Tender Process

Proposer National Grid

Submitted 31/07/09

**Submitted
Priority** Normal

Amendment Description

CAP173 looks to amend a section of the CUSC following a review of the reactive power market tender process as set out in Schedule 3. More specifically the proposal seeks to condense the timescales associated with various elements of the reactive power market tender process (detailed in the section below) as prescribed in Clause 3 of Schedule 3 so as to reduce the overall process from 26 weeks to 14 weeks.

The review of this market tender process has been carried out through discussion and development with the Balancing Service Standing Group (BSSG), including consultation with the wider industry. This has ensured full development of the proposal prior to raising the Amendment Proposal

Current status and progress

- CAP173 was presented to the CUSC Panel on 31 July 2009. The Panel agreed for CAP173 to proceed to Company Consultation with a view to being presented at the CUSC Panel meeting on 25 September 2009.
- CAP173 proceeded to Company Consultation on 13 August and closed on 3 September 2009. Four responses were received supporting the proposal.
- On the 25 September, the CUSC Panel voted unanimously that CAP173 should be implemented and that it better meets the CUSC Applicable Objectives.
- The Draft Amendment Report was circulated to the Amendments Panel for comment on 23rd September and the Final Amendment Report was submitted to the Authority on 15th October 2009.
- Authority decision to approve CAP173 was received on 19th November 2009, with an implementation date of 1st April 2010.

CAP170 Category 5 System to Generator Operational Intertripping Scheme

Proposer National Grid

Submitted 27/02/09

**Submitted
Priority** URGENT

Amendment Description

This proposal seeks to introduce a new category 5 System to Generator Operational Intertripping Scheme to cover intertrips capable of being armed with respect to a derogated non-compliant transmission boundary, which are not captured by categories 1-4. A derogated non-compliant transmission boundary would be defined as a boundary on the transmission system which is subject to Authority approved derogation to the GB Security and Quality of Supply Standards.

Current status and progress

- CAP170 was presented to the CUSC Panel and the panel AGREED the urgent status of this Proposal. The Authority agreed the urgent status of this Proposal.
- The CUSC Panel and the Authority agreed for the proposal to go straight to company consultation.
- Recommendation Vote for CAP170 took place on 23 March 2009, with the following outcome. No – Majority (7 No, 1 Yes). Final Amendment Report was submitted to the Authority on 25 March 2009.
- CAP170 is currently with the Authority for consideration. Ofgem conducted a regulatory impact assessment on CAP170 responses to which closed on 2 July 2009.
- A second regulatory impact assessment closed on 25 August 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP169 Provision of Reactive Power from Power Park Modules, Large Power Stations and Embedded Power Stations

Proposer National Grid

Submitted 27/02/09

**Submitted
Priority** Normal

Amendment Description

This Amendment Proposal looks to amend various sections of CUSC to accommodate the provision of Reactive Power from Power Park Modules. Currently, the vehicle to enable National Grid to despatch and pay Providers for Reactive Power, the Mandatory Services Agreement (MSA), does not reflect the capability requirement as per Grid Code CC6.3.2 for Power Park Modules i.e. within the Capability Data Tables. It is therefore proposed that additional tables be added to the MSA pro forma in CUSC (Schedule 2 Exhibit 4). This Amendment Proposal also looks to update the Reactive Power Definitions and Interpretations section (Schedule 3, Part I, Clause 1) in line with the Grid Code CC8.1 provisions to reflect that Reactive Power from Power Park Modules is a Mandatory (not Enhanced) Ancillary Service.

Current status and progress

- CAP169 was present to the CUSC Panel on the 27 February 2009. The CUSC Panel agreed for CAP169 to move to Working Group phase. CAP169 Terms of reference were agreed at the CUSC Panel on 24 April 2009, a final Working Group Report will be submitted to the CUSC Panel on 26th June 2009.
- Working Group consultation circulated to the industry on 18 May with a closing date of 1 June 2009.
- Three responses were received to the WG consultation. The WG report will be presented to the CUSC Panel on 31 July 2009.
- At the CUSC Panel meeting on 31 July the Panel agreed for CAP169 to proceed to Company Consultation stage for a minimum of three weeks.
- Company consultation was released on 15 September and closed on 7 October 2009. Four responses were received.
- The CUSC Panel Vote that took place on 30 October detailed below:
Original - 3 yes, 4 no
WGAA1 - 6 yes, 1 no
WGAA2 - 7 yes
WGAA3 - 1 yes, 6 no
Abstained – 1 (for the original and all WGAAs)
Best –3 votes for WGAA1, 4 votes for WGAA2
- The Draft Amendment Report was circulated to the CUSC Panel for comment on 4th November and Final Report submitted to the Authority for decision on 17 November 2009.
- The Authority approved WGAA3 on 21st December, with an implementation date of 21st March 2010.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30th April 2010

CAP168

Transmission Access Under-use and reallocation of TEC

Proposer ConocoPhillips

Submitted 27/02/09

Submitted Urgent
Priority

Amendment Description

CAP168 centres on the introduction of an under-use charge for transmission entry capacity (TEC).

Incentivised by an under-use charge (additional to TNUoS payments) based on a pre-set multiple of TNUoS payments, parties would make available TEC they do not require by assigning the right to use such TEC to third parties on a bilateral basis. This might be on either a temporary basis within-year or for longer-term blocks of a year (or both). In the case of within-year provision already exists under CUSC 6.34 for CUSC parties to offer unwanted TEC to other grid users but only in certain defined circumstances, and this has not been utilised. Consequently CAP168 would introduce a daily and a weekly access product. Annual blocks could also be sold individually or in multi-year bundles under this proposal

Current status and progress

- CAP168 was presented the CUSC Panel on 27/2/09 with a request for urgent status. The Authority granted this 2 March 2009, with a timetable of having the Final Amendment Report to the Authority on 11 May 2009. On the 3 April the CUSC Panel agreed for a one week extension to the remaining timetable of CAP168. The purpose of the extension is to finalise legal text and complete a working group alternative. It was agreed at the CUSC Panel on the 24 April the 2 day extension for the CUSC Panel Recommendation Vote for CAP168 will take place on 15 May 2009. CUSC Panel Vote took place on the 15 May and the outcome of the voting was:

Original - No - Unanimously

WGAA1 - No – Unanimously

Best - Original – 3 Votes

WGAA1 – 1 Vote

Abstained – 5 Votes

The CUSC Panel agreed for the Final Amendment Report to be sent to the Authority on 20 May 2009 for consideration.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

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.
- Working Group Report due to be presented at the CUSC Panel on 5 December 2008.
- CAP167 Working Group consultation was issued for company consultation on 12 December 2008, and closed on 12 January 2009.
- Draft Amendment Report to be sent to CUSC Panel with a view to being sent to the Authority.
- Final Amendment Report submitted to Authority on 18 February 2009 for consideration.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

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.
- The Working Group Report due to be presented at the CUSC Panel on 5 December 2008.
- Working Group report due to be presented to the Panel on 30 January 2009.
- CUSC Panel voted on the 27 February the Panel recommended that neither the Original nor any of the Alternatives for CAP166 be approved. This is currently with the Authority for consideration.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

CAP165

Transmission Access – Finite Long-term Entry Rights

Proposer National Grid

Submitted 25/04/08

Submitted Priority Normal

Amendment Description

Introduction of temporally 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.
- Company Consultation published on 1 December 2008 and closes on 15 December 2008.
- On the 19 December the CUSC Panel agreed that WGAA4 better and best met the applicable objectives.
- Final Amendment Report submitted to the Authority on 8 January 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

CAP164

Transmission Access – Connect and Manage

Proposer

National Grid

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.
- Company Consultation published on 1 December 2008 and closes on 15 December 2008.
- On the 19 December the CUSC Panel agreed that WGAA better and best met the applicable objectives.
- Final Amendment Report submitted to the Authority on 8 January 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

CAP163

Proposer

National Grid

Transmission Access – Entry Capacity Sharing

Submitted 25/04/08

Submitted Priority Normal

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.
- Company Consultation published on 28 November 2008 and closes on 12 December 2008.
- On the 19 December the CUSC Panel agreed that WGAA better and best met the applicable objectives.
- Final Amendment Report submitted to the Authority on 8 January 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

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.
- Company Consultation published on 28 November 2008 and closes on 12 December 2008
- On the 19 December the CUSC Panel agreed that WGAA better and best met the applicable objectives.
- Final Amendment Report submitted to the Authority on 8 January 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

CAP161

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

Proposer	National Grid	Submitted	25/04/08	Submitted Priority	Normal
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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.
- Company Consultation published on 28 November 2008 and closes on 12 December 2008.
- On the 19 December the CUSC Panel agreed that WGAA1 better and best met the applicable objectives.
- Final Amendment Report submitted to the Authority on 8 January 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 1 March 2010

CAP148 **Deemed Access Rights to the GB Transmission System for Renewable Generators**

Proposer	Wind Energy (Forse) Limited	Submitted	19/04/07	Submitted Priority	Normal
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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.
- Ofgem have written to CUSC Parties to inform them that the Authority has requested Ofgem to undertake further industry consultation on CAP148 before it reaches its final decision. Ofgem will publish this consultation in early February 2009. The Authority will take into account responses to the proposed consultation in making its final decisions. The Authority currently expects to be in a position to make its final decisions on CAP148 in Spring 2009.