

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) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem.

CAP162 (Transmission Access – Entry Capacity Sharing) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem.

CAP163 (Transmission Access – Entry Capacity Sharing) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem.

CAP164 (Transmission Access – Connect & Manage) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem.

CAP165 (Transmission Access – Finite Long-Term Entry Rights) – CUSC Panel Vote held on 19th December 2008. Amendment Report is now with Ofgem.

CAP166 (Transmission Access – Long-Term Entry Capacity Auctions) – CUSC Panel Vote held on 27th February. Amendment Report is now with Ofgem.

CAP167 (Definition of a threshold(s) associated with the request for a Statement of Works) - CUSC Panel Vote held on 30th January 2009. Amendment Report is now with Ofgem.

CAP168 (Under-use and reallocation of TEC) - Assessed as Urgent. Amendment Report sent to Ofgem on 20th May 2009.

CAP169 Provision of Reactive Power from Power Park Modules, Large Power Stations and Embedded Power Stations –The Company Consultation was released on the 15th of September 2009 and closed on the 7th of October 2009.

CAP170 Category 5 System to Generator Operational Intertripping Scheme – CUSC Panel vote held on 23rd March 2009. Amendment Report is now with Ofgem.

CAP173 Reactive Power Market Tender Process - Amendment Report sent to the Authority on 15th October 2009.

CAP174 Amendment to Exhibit B to require provision of location of proposed Offshore Connection Site - Amendment Report sent to the Authority on 15th October 2009.

CAP175 Urgent Amendment Proposals – revisions to process - The CUSC Panel agreed for CAP175 to proceed to Company Consultation.

CAP176 Correction of errors contained in the CUSC provisions for post-implementation reviews for Urgent Amendment Proposals - The CUSC Panel agreed for CAP176 to proceed to Company Consultation.

CAP177 Removal of CUSC Amendments Panel's ability to raise Amendment Proposals -The CUSC Panel agreed for CAP177 to proceed to Company Consultation.

Grid Code

The most recent meeting of the **Grid Code Review Panel** was held on 17th September 2009 and the next meeting will take place on 19th November 2009.

Consultation Documents

B/09 – Category 5 System to Generator Intertripping Scheme. Urgent Grid Code Modification to include a definition of a Category 5 Intertripping 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.

C/09 – Housekeeping amendments. Consultation was published on 1st May and responses were received prior to 1st June 2009. Additional housekeeping changes were identified relating to the recently implemented offshore codes and Ofgem have been contacted to clarify their preferred way forward.

D/09 – At the Grid Code Review Panel meeting held on 21st May 2009 it was agreed that the issue of Automatic LFDD should proceed to consultation by National Grid. The consultation was published on 3rd September and five responses were received. A concluding Report to the Authority will be submitted shortly.

E/09 – The simultaneous Grid Code and CUSC consultations for CAP169 (Provision of Reactive Power from Power Park Modules, Large Power Stations and Embedded Power Stations) closed on the 7th October and various responses were received. A report is to be submitted to the November 2009 CUSC panel and a Grid Code Report to the Authority will shortly follow after.

Working Groups

New Grid Code Working Group on PNs from Intermittent Generation

The industry Working Group was established to determine what the reporting arrangements should be regarding the submission of Physical Notifications by Intermittent Generation technologies. The Working Group held its second meeting in July 2009.

Grid Code Compliance Process Working Group

The Working Group presented its report to the February Panel meeting. The Panel agreed that after a further iteration with the Grid Code community to progress certain issues which have not quite been developed sufficiently National Grid should proceed to consultation. A further meeting of the Working Group was held on 6th July 2009 and some further progress was made, although on certain issues (e.g. validation of models) there is still disagreement between National Grid and the Generators on the approach that should be employed which will not now be resolved. Where there are differences between National Grid and the Grid Code community these will be described in the consultation document. National Grid is anticipating the publication of the Grid Code consultation document in the Autumn.

GIS Working Group

The last Working Group meeting was held on the 16th November 2009. The Working Group is currently discussing several issues, including the level of competition in the maintenance of generation owned Gas Insulated Switchgear assets and the assessment of the original proposal at a Distribution Network Operator site.

Frequency Response Working Group

The last Working Group meeting was held on 1st September 2009. The industry representatives have been asked to provide costing data on the expected capital cost to meet the existing frequency response obligations with future generating technologies. Such data will allow a financial comparison to be made against the cost of implementing the existing Frequency Response obligations on the future expected generation mix with the expected incremental increase to System Operation costs if less onerous Frequency Response standards are applied.

Reactive Power Working Group

The Working Group is expected to commence work in Autumn 2009.

E3C OC6.6 Working Group (Low Frequency Demand Disconnection scheme)

As detailed above a Grid Code Consultation has recently closed concerning several recommended Grid Code amendments intended to improve the operation of the LFDD scheme.

E3C Small Embedded Generation Frequency Obligation Working Group

The last meeting of the Group would be held on 19th October 2009 and an agreed 2 stage way forward was found. The first is a change to the Distribution Code, requiring all future small generators (>5MW) to stay connected under the frequency obligation range currently applied to large generators under the Grid Code. Existing small generators will also have to stay connected within that range unless there is sufficient justification to not do so (such as excessive vibration or over heating). The second recommendation will be dependant upon further technical work being undertaken (i.e. by a consultancy) and such work would assess whether it is feasible to require existing small generation to remain connected within the Grid Code frequency range, no matter what.

A draft letter was agreed amongst the Working Group, and the during the week commencing the 19th October the DNO representatives are sending the letter to all embedded generation, larger than 5MW, connected to their distribution systems.

Charging

GBECM17 Transmission Charging – A New Approach

On 15th September 2009, National Grid published a conclusions report on the charging proposal received from the Scottish Government. National Grid has analysed the responses to the consultations and concluded that the proposal would not better meet the relevant charging objectives and are therefore not taking the proposal forward.

AMALGAMATED ELECTRICITY CODES AMENDMENT REPORT

As at 21st October 2009

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 30th September 2009

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
	18/11/08
	Submitted
	Normal
	Priority

Amendment Description

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.

Current status and progress

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.

CA032	Amendment to the governance timescales
Proposer	National Grid
	Submitted
	16/03/09
	Submitted
	Normal
	Priority

Amendment Description

As result of CUSC Amendment Proposals for Transmission Access, this proposed amendment seeks to introduce a further granularity into the works that the TO will be required to identify by identifying those Transmission Reinforcement Works that are required to deliver the Local Capacity Nomination (LCN).

Current status and progress

The Amendment Proposal was submitted to the STC Committee on 16th March 2009 and is awaiting a decision on whether it will need to go to the Evaluation Phase or straight to the Assessment and Report Phase. The Amendment proposal was withdrawn on the 4th August 2009 pending further information on Transmission Access proposals from DECC and Ofgem.

ANNEX 1
STC AMENDMENT REGISTER – AS AT 30th September 2009

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 2 nd 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.		

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30 September 2009

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

CAP177 Removal of the CUSC Amendments Panel's ability to raise Amendment Proposals

Proposer National Grid

Submitted 25/09/09

**Submitted
Priority** Normal

Amendment Description

Current status and progress

The CUSC currently allows for the CUSC Amendments Panel to raise an Amendment Proposal to the CUSC following a post-implementation review after amendment has been made to the CUSC other than pursuant to the standard Amendment Procedure when either:

- Amendment to the CUSC has been made based on an Urgent Amendment Proposal, or
- Amendment to the CUSC has been made in accordance with the Transmission Licence.

The CUSC Governance Standing Group (GSG) has recently reviewed some of the provisions of the governance process within the CUSC (in particular focusing on urgency), and as part of this review questioned the appropriateness of the CUSC Amendments Panel being able to raise an Amendment Proposal and then recommend on that same proposal as part of the standard Amendment Procedures. The GSG concluded that this did not feel appropriate, and if following such a post-implementation review an Amendment Proposal was deemed to be required, the onus would be on a party to the CUSC (or BSC Party or National Consumer Council) to raise such amendment.

CAP177 was presented to the CUSC Panel on 25 September 2009. The CUSC Panel agreed for CAP177 to proceed to Company Consultation with a view to being presented at the CUSC Panel meeting on 27 November 2009.

ANNEX 1
CUSC AMENDMENT REGISTER – as at 30 September 2009

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

Current status and progress

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).

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.

CAP175 Urgent Amendment Proposals – Revisions to Process

Proposer National Grid

Submitted 25/09/09

Submitted
Priority Normal**Amendment Description**

It is proposed that the Urgent Amendment Proposals process within the CUSC be revised to provide enhanced understanding, clarity and process specification for the process through which a recommendation for urgency would be progressed.

Current status and progress

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.

It is proposed that the following changes be made to the CUSC:

- 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)

CAP174 Amendment to Exhibit B to require provision of location of proposed Offshore Connection Site**Proposer** National Grid**Submitted** 31/07/09**Submitted
Priority** Normal**Amendment Description**

Following “Go-Active” of the Offshore regime on 24 June 2009, it was noted that the application form contained within Exhibit B to the CUSC (for a directly connected Power Station, Non-Embedded Customer or Distribution System directly connected to the National Electricity Transmission System) does not require an Applicant to provide the specific location of the Offshore Connection Site. It is proposed to amend Exhibit B to require an Applicant to provide the longitude and latitude of the proposed Connection Site.

Current status and progress

- CAP174 was presented to the CUSC Panel on 31 July 2009. The Panel agreed for CAP174 to proceed to Company consultation with a view to being presented at the CUSC Panel meeting on 25 September 2009.
- CAP174 proceeded to Company Consultation on 13 August and closed on 3 September 2009. Three responses were received supporting the proposal.
- **On the 25 September, the CUSC Panel voted unanimously that CAP174 should be implemented and that it better meets the CUSC Applicable Objectives. The Draft Amendment Report was circulated to the CUSC Panel for comment on 23 September, with a view to submit the Final Amendment Report to the Authority shortly.**

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 CUSC Panel for comment on 23 September, with a view to submit the Final Amendment Report to the Authority shortly.**

CAP172 Capacity Pricing Mechanism**Proposer** National Grid**Submitted** N/A**Submitted
Priority** N/A**Amendment Description**

Capacity Pricing Mechanism - CAP172 proposes to change the methodology by which Users are allocated access rights to the system. In order to generate on the system, Users will need to signal their requirements for LCN (Local Capacity Nomination) which sets the limit on generation for their local connection.

Once they have done this, they then have a choice as to how they wish to secure their access rights to the wider system. They can book long-term access rights via the "Capacity Pricing Mechanism" or could take advantage of one of the short-term products being considered as part of CAP161 or ultimately could decide to not book a capacity product as such and hence be liable to pay the applicable overrun charge for their generation.

Current status and progress

- CAP172 was presented to the CUSC Panel on the 3 April 2009. The CUSC Panel voted against CAP172 being submitted on the basis that it was similar to CAP166 WGAA3. Therefore CAP172 was rejected and will not be put forward as a CUSC Amendment Proposal.

CAP171 Capacity Pricing Mechanism**Proposer** National Grid**Submitted** N/A**Submitted
Priority** N/A**Amendment Description**

Capacity Pricing Mechanism - CAP171 proposes to change the methodology by which Users are allocated access rights to the system. In order to generate on the system, Users will need to signal their requirements for LCN (Local Capacity Nomination) which sets the limit on generation for their local connection.

Once they have done this, they then have a choice as to how they wish to secure their access rights to the wider system. They can book long-term access rights via the "Capacity Pricing Mechanism" or could take advantage of one of the short-term products being considered as part of CAP161 or ultimately could decide to not book a capacity product as such and hence be liable to pay the applicable overrun charge for their generation.

Current status and progress

- CAP171 was presented to the CUSC Panel on the 30 March 2009. The CUSC Panel voted against CAP171 being submitted on the basis that it was similar to CAP166 WGAA3. Therefore CAP171 was rejected and will not be put forward as a CUSC Amendment Proposal.

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 that the proposal will go straight to company consultation with a view to the Final Amendment Report submitted to the Authority on 25 March 2009.

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 released on 15 September and is due to close on 7 October 2009.**

CAP168**Proposer** ConocoPhillip**Transmission Access Under-use and reallocation of TEC****Submitted** 27/02/09**Submitted**
Priority Urgent**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.

Definition of a threshold(s) associated with the request for a Statement of Works			
CAP167	Proposer	Submitted	Submitted Priority
	National Grid	16/05/08	Normal
Amendment Description		Current status and progress	
<p>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.</p> <p>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.</p>		<ul style="list-style-type: none"> ▪ 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. 	

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.

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.

CAP164

roposer

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.
- 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.

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.

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.

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.
- 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.

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.
- 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.