

Codes Summary – October **2017** **(as at 18 October 2017)**

This document provides a summary as to latest developments concerning the various other Industry Codes. Further detailed information can be found at:

<http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/>

CUSC

The most recent meeting of the **CUSC Modification Panel** was held on 29 September 2017. The next Panel meeting will take place a week earlier on 20 October 2017; this is due to the availability of the new Independent Chair.

CMP250 Stabilising BSUoS with at least a twelve month notice period aims to eliminate BSUoS volatility and unpredictability by proposing to fix the value of BSUoS over the course of a season, with a notice period for fixing this value being at least 12 months ahead of the charging season. CMP250 was presented at the CUSC Panel meeting on 28 August 2015. The Panel unanimously agreed that CMP250 should be developed by a Workgroup and set an initial Workgroup timetable of four months, to report back to the December 2015 Panel meeting. At the November 2015 Panel meeting, a three month extension was granted. At the January 2016 CUSC Panel meeting, a further two month extension to CMP250 was agreed and the Workgroup will now report back to the May 2016 Panel meeting. The Workgroup Consultation was published on 15 March 2016 and closed on 14 April 2016, receiving sixteen responses. A two month extension was agreed at the May 2016 Panel meeting and the Workgroup will now report back to the Panel on 29 July 2016. This modification is still at the workgroup stage. The most recent Workgroup meeting was held on 10 July 2017. The most recent Workgroup was held on 3 October 2017, the Workgroup met to understand the outcome following discussions within National Grid regarding the future funding of the SO, to review the legal text and agree next steps.

CMP251 Removing the error margin in the cap on total TNUoS recovered by generation and introducing a new charging element to TNUoS to ensure compliance with European Commission Regulation 838/2010 aims to ensure that there is no risk of non-compliance with European Regulation 838/2010 by removing the error margin introduced by CMP224 and by introducing a new charging element to the calculation of TNUoS. CMP251 was presented to the CUSC Panel on 28 August 2015. The Proposer requested that the Modification be treated as urgent. The Panel decided unanimously that CMP251 should not be treated as urgent and should be developed by a Workgroup. The Panel Chair has written to the Authority informing them that the Panel will not be requesting urgency for CMP251. At the November Panel meeting, a two month extension was granted and at the January CUSC Panel meeting, a further one month extension to CMP251 was agreed. Another one month extension to the Workgroup timetable was granted at the February 2016 CUSC Panel meeting and the Workgroup will now report back to the April CUSC Panel meeting. The Workgroup Consultation was published on 29 February 2016 and closed on 29 March 2016, receiving ten responses. On 29 April 2016, the CMP251 Workgroup report was presented the CUSC Panel. The Panel asked that the CMP251 Workgroup look at the CMP261 legal opinion as part of their Terms of Reference and were asked to report back with an amended report to the May 2016 CUSC Panel. A one month extension was agreed at the May 2016 Panel meeting and the Workgroup will now report back on 24 June 2016. The Panel noted that although the paper had been presented as a late paper to the Panel, they were happy for it to progress to Code Administrator Consultation. CMP251 is due to be voted on at the CUSC Panel on the 30th September 2016. CMP251 has been sent to the Authority for a decision. A decision from the Authority is still pending.

CMP261 Ensuring the TNUoS paid by Generators in GB in Charging Year 2015/16 is in compliance with the €2.5/MWh annual average limit set in EU Regulation 838/2010 Part B (3). CMP261 aims to ensure that there is an ex post reconciliation of the TNUoS paid by GB generators during charging year 2015/16 which will take place in Spring 2016 with any amount in excess of the €2.5/MWh upper limit being paid back, via a negative generator residual levied on

all GB generators who have paid TNUoS during the period 1 April 2015 to 31 March 2016 inclusive. CMP261 was presented to the CUSC Panel at a special CUSC Panel meeting on 9 March 2016. CMP261 was raised as urgent, however the Panel agreed by majority not to request urgency from the Authority and have requested the Workgroup to progress the modification in a shortened timescale. The Authority responded to this request on 17 March 2016 agreeing that CMP261 should not be considered as urgent, however should be progressed in line with an accelerated timetable. A two month extension was agreed at the May 2016 CUSC Panel, and the Workgroup report is to be presented at July 2016 Panel although will be discussed again at June 2016 Panel where they may agree to a Special CUSC Panel before July 2016 Panel. The Workgroup is on track and is currently progressing towards the publication of the CMP261 Workgroup Consultation at the beginning of July 2016. This modification is at Code Administrator Consultation stage and will be go to the CUSC Panel for their recommendation vote on Friday 25th November 2016. The CUSC Panel Recommendation vote was held on 25th November 2016. CMP261 was submitted to the Authority on 30th November. A decision from the Authority is still pending. The Authority has sent back CMP261 to Workgroup stage. The most recent Workgroup meeting was held on 22 May 2017. CMP261 was tabled at the CUSC Panel meeting on the 26 May 2017 and the Panel agreed for it to proceed to Code Administrator Consultation. At the CUSC Panel meeting on 20 June 2017, the Panel voted on CMP261 against the Applicable CUSC Objectives. The Panel agreed by majority that the Original, WACM1 and WACM2 were all better than the Baseline. Most Panel members considered WACM1 as the best option. CMP261 was submitted to the Authority on 23 June 2017. A decision from the Authority is still pending.

CMP264 Embedded Generation Triad Avoidance Standstill. This modification seeks changes to the Transport and Tariff Model and billing arrangements to remove the netting of output from New Embedded Generators until Ofgem has completed its consideration of the current electricity transmission Charging Arrangements (and any review which ensues) and any resulting changes have been fully implemented. The Panel discussed the proposed timetable for this modification and agreed to request the Workgroup to progress to a shortened timetable. At the June 2016 CUSC Panel, the Workgroup requested and were granted approval of suggested amendments to the Terms of Reference. The Workgroup report is due to be sent to the Panel in October to proceed to Code Administrator Consultation. CMP264 was tabled at the Special CUSC Panel meeting on the 25th of October and the Panel agreed for it to proceed to Code Administrator Consultation. The Panel will hold their recommendation vote on the 23rd of November, ahead of submission to the Authority. The recommendation vote was held on the 25 November 2016. It was submitted to the Authority on 28 November. CMP264 has been approved by the Authority with the implementation date of 1 April 2018.

CMP265 Gross charging of TNUoS for HH demand where embedded generation is in Capacity Market. This modification specifically seeks to address the issue that half hourly metered (HH) demand for TNUoS purposes is currently charged net of embedded generation. The Proposer requested that CMP265 is considered as Urgent. The Panel agreed by majority that CMP265 should not be considered as Urgent and should be developed by a Workgroup. The Panel understood the Proposer's reasoning for requesting urgency and agreed to request the Workgroup to progress to a shortened timetable. The Panel's request not to accept urgency will be submitted to the Authority and will be awaiting their response. At the June 2016 CUSC Panel, the Workgroup requested and were granted approval of suggested amendments to the Terms of Reference. The Workgroup report is due to be sent to the Panel in October to proceed to Code Administrator Consultation. CMP265 was tabled at the Special CUSC Panel meeting on the 25th of October and the Panel agreed for it to proceed to Code Administrator Consultation. The Panel will hold their recommendation vote on the 23rd of November, ahead of submission to the Authority. The recommendation vote was held on the 25th November 2016. It was submitted to the Authority on 28th November. CMP265 has been approved by the Authority with the implementation date of 1 April 2018.

CMP268 'Recognition of sharing by Conventional Carbon plant of Not-Shared Year-Round circuits' CMP268 proposes to change the charging methodology to more appropriately recognise that the different types of "Conventional" generation do cause different transmission network investment costs, which should be reflected in the TNUoS charges that the different types of "Conventional" generation pays ideally ahead of the December Capacity Auction. CMP268 was presented at the CUSC Panel meeting on 29 July 2016. The CUSC Panel agreed by majority the

modification should be developed by a Workgroup following a standard timetable. The Authority recommended that CMP268 follow an urgent timetable, this was agreed with the CUSC Panel at the August meeting. The workgroup consultation was published on the 16 September and will close on the 30 September 2016. CMP268 Code Administrator Consultation closed on the 27 October. This modification was voted on by the Panel on the 15 November at the Special CUSC Panel meeting and was submitted to the Authority on the 25 November. The Authority has sent back CMP268 modification to Workgroup stage. The most recent Workgroup meeting was held on 14 June 2017. At the Special CUSC Panel meeting on 4 July 2017, the Panel voted on CMP268 against the Applicable CUSC Charging Objectives. One Panel member abstained from the Panel vote. The Panel view was split for both Vote 1 and Vote 2 (did the Original facilitate the Applicable CUSC Charging Objectives better than the Baseline and which option was considered to be the best). There was not a majority support for this Proposal. CMP268 was submitted to the Authority on 6 July 2017. The Authority sent back CMP268, a Special CUSC Panel was held to discuss the send back letter. CMP268 has been issued for Code Admin consultation for 4.5 working days. CMP268 has been approved by the Authority with the implementation date of 1 April 2018. The decision letter stated a housekeeping Modification will be raised as soon as practical to amend the legal text in CMP268. **The Authority directed that this Modification be made; CMP268 is to be implemented into the CUSC on 1 April 2018.**

CMP269 'Potential consequential changes to the CUSC as a result of CMP264' This modification aims to address a number of consequential changes required to non-charging sections of the CUSC to reflect the CMP264 Proposal or any alternative proposals agreed by the CMP264 Workgroup. CMP269 was tabled at the Special CUSC Panel meeting on the 25th of October and the Panel agreed for it to proceed to Code Administrator Consultation. The Panel will hold their recommendation vote on the 25 November, ahead of submission to the Authority. The recommendation vote was held on the 25 November 2016. It was submitted to the Authority on 28 November. CMP269 has been approved by the Authority with the implementation date of 1 April 2018.

CMP270 'Potential consequential changes to the CUSC as a result of CMP265'. This modification aims to address a number of consequential changes required to non-charging sections of the CUSC to reflect the CMP265 Proposal or any alternative proposals agreed by the CMP265 Workgroup. CMP270 was tabled at the Special CUSC Panel meeting on the 25th of October and the Panel agreed for it to proceed to Code Administrator Consultation. The Panel will hold their recommendation vote on the 23 November, ahead of submission to the Authority. The recommendation vote was held on the 25 November 2016. It was submitted to the Authority on 28 November. CMP270 has been approved by the Authority with the implementation date of 1 April 2018.

CMP271 'Improving the cost reflectivity of demand transmission charges'.

CMP271 aims to improve the cost reflectivity of demand transmission charges. It is proposed that the transmission charging methodology should include a Peak Security demand tariff levied at Triad, a Year Round demand tariff and revenue recovery levied on year round supplier demand. The initial workgroup meeting will be held on the 1st November 2016. The most recent Workgroup meeting was held on 24 July 2017. Following launch of TCR, the CA is speaking to the Proposers of CMP271/274/276 to seek their position on their modification since the launch.

At the Workgroup meeting held on 11 September for CMP271, CMP274 and CMP276 that Ofgem had clearly stated the scope of these modifications may overlap the scope of the SCR. The Panel agreed that it would be pragmatic to extend each Workgroup to the same fixed event, namely the Ofgem publication of its SCR conclusions and at that point reassess if a further extension is required. The Workgroup will reconvene in November 2017 and then report back to the Panel.

CMP274 'Winter TNUoS Time of Use Tariff (TTOUT) for Demand TNUoS'

CMP274 aims to improve the cost reflectivity of demand transmission charges. It is proposed that the transmission charging methodology should include a Winter Weekday Time of use demand tariff which reflects the existing Demand Residual element of the existing methodology so that revenue recovery is levied over a longer period of assessment. The initial workgroup meeting was held on the 1 November 2016. The most recent Workgroup meeting was held on the 24 July 2017.

At the Workgroup meeting held on 11 September for CMP271, CMP274 and CMP276 that Ofgem had clearly stated the scope of these modifications may overlap the scope of the SCR. The Panel

agreed that it would be pragmatic to extend each Workgroup to the same fixed event, namely the Ofgem publication of its SCR conclusions and at that point reassess if a further extension is required. The Workgroup will reconvene in November 2017 and then report back to the Panel.

CMP275 'Transmission Generator Benefits in the provision of ancillary and balancing services- levelling the playing field'. CMP275 seeks that a principle of financial mutual exclusivity is introduced to prevent BM units from accessing multiple sources of duplicate and overlapping revenue from ancillary services on the same asset. The initial Workgroup meeting was held on 15 February 2017. This proposal is on track. At their last meeting, the Workgroup discussed the impact of CMP275 in relation to Ofgem's recent publication on its Call for Evidence on flexibility and how CMP275 could be seen as running contrary to this. The Workgroup also discussed the legal text changes required. The Workgroup Report is with Workgroup for them to review and update and the next Workgroup meeting scheduled for 13 September to finalise legal text, vote and agree Workgroup Report. **The most recent Workgroup meeting was held on 6 October 2017. At this meeting, the Workgroup are expected to agree the legal text which may lead to an alternative Proposal being raised and considered by the Workgroup.**

CMP276 'Socialising TO costs associated with "green policies"'. CMP276 proposes a reduction in the demand residual element of the TNUoS £/kW ("Triad") charge by creating two new charge lines for all demand offtakes: (i) with the level of charge based on a fixed charge per MPAN (or alternatively the import meter size of each consumer) and (ii) a simple per kWh charge on all consumers. Currently demand residual is the cost bucket which is left to capture all TO costs that cannot be otherwise allocated. Unless there is change the current methodology this is forecast to lead to high demand TNUoS payments at the time of Triads, which are widely recognised to be unacceptable and unsustainable. Mods CMP264 and CMP265 deal with a subset of the symptoms only, because they define the defect too narrowly. Their definition prohibits the full range of potential solutions being considered, and by excluding certain types of meter and treating some meters differently to others, this inevitably leads to a discriminatory outcome. This modification is defined to address the underlying cause of the escalation in demand residual and proposes a simple, non-discriminatory approach to its resolution which addresses equitable competition in ALL markets, domestic and international, reduces total cost to consumers and has the structure to form an enduring solution. Nominations for this Workgroup are open until 24 February 2017. A decision letter from the Authority granting urgency is pending. The initial Workgroup meeting was held on 17 March 2017. The most recent Workgroup meeting was held on 24 July 2017. **See update for CMP271.**

CMP280' Creation of a New Generator TNUoS Demand Tariff which Removes Liability for TNUoS Demand Residual Charges from Generation and Storage Users' The Modification aims to remove liability from Generator and Storage Parties for the Demand Residual element of the TNUoS tariff. The CUSC Panel agreed to process this proposal following a standard timetable. The initial Workgroup meeting was held 4 August 2017. This Workgroup is on track. The Workgroup held their first Workgroup meeting on 4 August 2017 and the next meeting is scheduled for 7 September 2017. The Workgroup have positively fed back on the prework that has taken place to develop the Proposal with the Proposer prior to the first Workgroup meeting taking place. **The Workgroup are scheduled to meet on 16 October 2017 where they will scope out the outstanding works required to determine length of extension required.**

CMP281' Removal of BSUoS Charges From Energy Taken From the National Grid System by Storage Facilities' The Modification aims to remove liability from storage facilities for Balancing Services Use of System (BSUoS) charges on imports. The Panel agreed to process this proposal following a standard timetable. The initial Workgroup meeting was held 4 August 2017. This Workgroup is on track. The Workgroup held their first Workgroup meeting on 4 August 2017 and the next meeting is scheduled for 7 September 2017. The Workgroup have positively fed back on the prework that has taken place to develop the Proposal with the Proposer prior to the first Workgroup meeting taking place. **The work is progressing on these Workgroups but that an extension at the next Panel meeting is likely to be requested. The Workgroup are scheduled to**

meet on 16 October 2017 where they will scope out the outstanding works required to determine length of extension required.

CMP282' The effect Negative Demand has on Zonal Locational Demand Tariffs' To amend how the DCLF model calculates Zonal Locational Demand tariffs so that the final locational zonal demand tariffs accurately reflect the underlying locational signals. The Panel agreed to recommend that this proposal follow an Urgent timetable. The initial Workgroup meeting was held on 14 July 2017. The most recent Workgroup meeting was held 16 August 2017. This Workgroup is on track. The Workgroup met on 16 August 2017 to review the six responses received to the Workgroup Consultation. There are no alternatives being proposed to this Proposal. The Workgroup are finalising their Workgroup Report and legal text and are due to vote on the Proposal on 6 September 2017 in readiness for the September 2017 CUSC Panel meeting. **The Panel reviewed the Workgroup Report and agreed that the Workgroup had met its Terms of Reference and that the Workgroup could be discharged. The Code Administrator will issue the Code Administration Consultation for this Proposal for a period of 10 working days.**

CMP283' Consequential Changes to enable the Interconnector Cap and Floor regime' This modification aims to facilitate the Interconnector Cap and Floor regime through creating the process for data provision between Interconnectors and National Grid within the CUSC. The Panel agreed to treat this proposal as a standard modification to be issued out to Code Administrator consultation without forming a Workgroup. Following a review of this Proposal, the Proposer has made amendments to provide greater clarity of their Proposal. The Panel have approved these changes and agreed that this proposal can proceed to Code Administrator Consultation for 20 Working Days. The Code Administrator Consultation was due to close on 30 August 2017 and the Panel are due to provide their Recommendation vote for this Proposal at their meeting in September 2017. **The Panel voted on CMP283 against the Applicable CUSC Objectives. The Panel members unanimously agreed that the Original was better than the baseline.**

CMP284' Improving TNUoS cost reflectivity (Reference Node)' This modification seeks to make the TNUoS charge most cost reflective resulting in a reduction of the magnitude of both the generation and demand residual charges. The Panel agreed that this Proposal should be developed by a Workgroup following a standard timetable. The Code Administrator has been working with the Proposer to further scope out the requirements of this Proposal. A first Workgroup meeting date is yet to be confirmed. It is likely that this Proposal will run in alignment with CMP271/274/276. **The Workgroup are likely to ask the Panel to approve their updated timetable following these meetings at either the October or November 2017 Panel meetings.**

CMP285' CUSC Governance Reform- Levelling the Playing Field' This modification seeks to reform CUSC governance to enhance the independence and diversity of Panel members and ensure wider engagement from CUSC signatories. The Panel agreed that this Proposal should be developed by a Workgroup following a standard timetable. The Code Administrator has been working with the Proposer to further scope out the requirements of this Proposal. A first Workgroup meeting date is yet to be confirmed. **The initial Workgroup was held on 28 September 2017. The Workgroup had suggested some minor amendments to their Terms of Reference which the Panel approved. The Panel approved the updated timetable for CMP285.**

STC

The most recent meeting of the **STC Modification Panel** was held on 27 September 2017. **The next STC Panel meeting will take place on 25 October 2017.**

CM059 'Changes to Section C and H following Ofgem Response to Adjudication Request' seeks to correct the Section C Paragraph 5.9.5 for refer to Section H and to update Section H to allow a referable clause to the Authority. The legal text has been confirmed and updated. The Modification Report will be formally submitted at the September Panel meeting. **CM059 approved as self-governance and was issued for industry consultation for 15 Working Days and will come back to October Panel meeting for voting of draft final modification report.**

Grid Code

The most recent meeting of the **Grid Code Review Panel** was held on **18 October 2017**. The next GCRP will take place on **15 November 2017**.

GC0090 HVDC. This has been raised to progress the GB implementation of the HVDC European Network Code. A workgroup has been established and the last meeting took place on 13 July 2016. The Workgroup re-convened in conjunction with the planned EU Meetings held on 1 February 2017. Paused to allow RfG to progress.

GC0091 Joint GCRP/DCRP Workgroup on GB Application of Demand Connection Code. This has been raised to progress the GB implementation of the DCC European Network Code. A workgroup has been established and the last meeting took place on 6 July 2016. The most recent Workgroup meeting took place on 1st February 2017; future work to connect with the CUSC team was identified. The last Workgroup was held on 6th April. Good progress made on DSR.

GC0095 Transmission System Operation Guideline. This is a GB workgroup to progress the implementation of the Transmission System Operation Guideline (TSOG) European Network Code. The first workgroup meeting took place on 11 July 2016. The last meeting was held on the 18th of October. The last Workgroup Meeting was held on 1st March 2017, this focused on the Entry into Force requirements. **There will then be an additional EU Modification raised in Q4.**

GC0096 Energy Storage. This is a workgroup to consider the appropriate technical requirements for Energy Storage technologies connecting to the Transmission system, and discuss any high level changes that may be necessary to the Grid Code. The Code Administrator ran interactive workshops on 17 August 2016. The next sets of meetings to be held are via Teleconference on a selection of dates for industry members. Following the Teleconferences this modification has now sent out for Workgroup nominations. The first Workgroup Meeting was held on 30 January 2017. The Workgroup Report is currently being progressed. The legal text is being finalised ahead in preparation of issuing for Workgroup Consultation. **The Workgroup Consultation will be published in October.**

GC0097 TERRE. This is a newly formed Workgroup to consider the appropriate technical requirements for Energy Storage technologies connecting to the Transmission system, and discuss any high level changes that may be necessary to the Grid Code. GC0097 will review to what extent existing Grid Code processes, primarily in the Balancing Code section (BC1-3), need to be changed or supplemented in order to facilitate TERRE participation in GB. It will also consider the interaction with the existing GB Balancing Mechanism process given their converging timescales. The first Workgroup meeting was held on 20 January 2017 and the second Workgroup Meeting was held on 21 February 2017, the third Workgroup meeting was held on 19 July 2017. The Workgroup held a joint meeting with Elexon on 17 August 2017. **The next Workgroup meeting will be held on 14 November 2017.**

GC0099 Establishing a Common Approach to Interconnector Scheduling raised at the Grid Code Review Panel held on 30 May 2017. The draft Workgroup Report is being developed. **The Panel approved a revised timetable and the Workgroup Consultation was issued on 2 October 2017.**

GC0100 EU Connection Codes GB Implementation – Mod 1 raised at the Grid Code Review Panel held on 30 May 2017. The initial Workgroup meeting was held on the 7 June 2017. This Modification has been issued for Workgroup Consultation. **The Workgroup are firming alternatives.**

GC0101 EU Connection Codes GB Implementation – Mod 2 raised at the Grid Code Review Panel held on 30 May 2017. The initial Workgroup meeting was held on the 7 June 2017. This Modification has been issued for Workgroup Consultation. **The Workgroup are firming alternatives.**

GC0102 EU Connection Codes GB Implementation – Mod 3 raised at the Grid Code Review

Panel held on 30 May 2017. The initial Workgroup meeting was held on 6 September 2017. **The Workgroup phase is being progressed.**

GC0103 EU The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes raised at the Special Grid Code Review Panel held on 27 July 2017. The initial Workgroup meeting will be held via WebEx on 18 September 2017. **The agreed next steps for this Modification is to hold two mapping sessions in the beginning of November to define the scope and timetable to progress this Modification.**

GC0104 EU Connection Codes GB Implementation – Demand Connection Code raised at the Grid Code Review Panel held on 16 August 2017. **A two month extension was granted for this Modification; the Workgroup Report is due to be submitted back to the Grid Code Review Panel in March 2018.**

SQSS

The most recent meeting of the **SQSS Panel** was held on **13 September 2017**. The next SQSS Panel was cancelled on 12 April 2017 due to a limited Agenda. The next meeting will be held on **8 November 2017**.

GSR012: Interconnectors: This considers a consistent treatment of interconnectors when planning their local connections and their impact on wider infrastructure requirements. The original understand was that the Workgroup was due to presenting their working-group report to the NETS SQSS Review Panel in February. However, following Workgroup discussion, the Workgroup has yet to conclude its thinking on the Workgroup Report and aims to meet again in May to finalise the Report before presenting to Panel in September. The Workgroup Report is still being progressed.

GSR016 Application of Scaling Factors and the Inclusion of Embedded Wind in NETS SQSS Chapter 4 Studies: This aims to determine more realistic dispatch levels for generation, including embedded generation, in local and wider system capability studies. The NETS SQSS Review Panel is coming under increased pressure to conclude this modification. As a consequence this may now be wrapped up with a new piece of work concerning the Security and Economy Planned Transfer Conditions as detailed below. A meeting was held on 15th December 2016. The Workgroup is on hold whilst it quantifies what further analysis is required to progress in conjunction with Ofgem. The Workgroup Report is currently being drafted. **The Workgroup report has been circulated for comment to the Workgroup ahead of consultation.**

GSR018 Sub-Synchronous Oscillations (SSO): The NETS SQSS Review Panel agreed to progress work to develop and clarify the transmission licensees' responsibilities with respect to sub-synchronous oscillation issues. A workgroup report has been approved and consulted upon. The workgroup is due to present their modification report to the NETS SQSS Review Panel soon. Once approved, this shall be submitted to the Authority. This modification has been submitted to the Authority. This modification has been sent back by the Authority, work on this modification will be done in the GC0077 workgroup. The workgroup re-grouped to meet on 5 December 2016 whereby it was agreed the Code Governance team would send out a revised draft of the Report to the Authority to the workgroup to comment. This will summarize the further evidence and background as discussed during the meeting. The relevant changes were made to the Final Workgroup Report and circulated to the Workgroup Members for comment. The Workgroup approved of the amendments and the Report is in a position to be re-submitted to the Authority. Following no further comments being received the Report to the Authority was re-submitted on 30 January 2017. The Authority made a decision on 7 March 2017 to approve the changes. The Authority have advised for the changes to take effect the Authority will need to modify the relevant conditions of the electricity transmission licence so that they refer to the new version of the SQSS. As this modification is not time critical the Authority have not yet issued a statutory consultation to modify the licences. The Authority will be doing this at an appropriate stage in the future, such as when the Authority issues a decision on other SQSS Modifications. Still awaiting a timescale for the license change to be completed.

GSR019: Review of Chapter 7 Double Busbar Requirements: It has been suggested that current interpretation of the NETS SQSS mandates the use of a double busbar (or equivalent)

arrangement for the first onshore substation for offshore transmission system connections. However, a Cost Benefit Analysis (CBA) performed by DONG Energy aims to demonstrate that this requirement is not the most economic and efficient solution for all offshore wind farm connections. It has therefore been proposed that this interpretation within the NETS SQSS for the need to have double busbar substation arrangements is addressed and subject to NETS SQSS Review Panel assessment, this deterministic requirement be removed if no net benefit can be demonstrated for this configuration of switchgear when considering the specific characteristics of offshore generation connections. The workgroup is due to present their workgroup report to the NETS SQSS Review Panel soon. This modification stalled for a period, the proposer of this modification is due to attend the October Panel to discuss work restarting in this area. The proposer of this modification presented at the October Panel meeting. The Panel voted to withdraw this Modification at the December Panel meeting; this was communicated with DONG whom accepted the withdrawal. A Paper has not been submitted. The Modification will either be absorbed in the work around the Chapter 7 Review or withdrawn. This Modification is pending formal withdrawal.

GSR022: Design of Main Interconnected Transmission System (MITS): It is proposed to review the assumptions used to set power system transfer conditions for design of the MITS. These conditions are covered in Chapter 4 of the NETS SQSS and are referred to as the “Security Planned Transfer Condition” and the “Economy Planned Transfer Condition”. For the 2015 Future Energy Scenarios (FES), lower levels of thermal generation capacity in later years cause the “Security Planned Transfer Condition” to break down. Additionally, it is agreed that the scaling of different types of generation and external system connections in the application of the “Economy Planned Transfer Condition” should be reviewed. Reviewing the two conditions will ensure that their use continues to identify accurately the future need for transmission infrastructure reinforcement. A working-group will shortly be established. A workgroup has been established and the initial meeting will be held towards the end of October 2016. The initial workgroup meeting was held on the 31st of October 2016. The first face to face workgroup meeting was held on 15 January 2016. Following the initial Workgroup, analysis is being completed and will be fed into the next Workgroup. **Analysis is still being carried out on security background assumptions.**

AMALGAMATED ELECTRICITY CODES MODIFICATION REPORT

As at 18 October 2017

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

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

STC: <http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/STC/Modifications/>

CUSC: <http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/CUSC/Modifications/>

TCMF: <http://www2.nationalgrid.com/UK/Industry-information/System-charges/Electricity-transmission-Charges/>

Grid Code: <http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/Grid-code/Modifications/>

SQSS: <http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/SQSS/Modifications/>

BSC Amendments can be found on the following website:

www.elexon.co.uk/changeimplementation/ModificationProcess/ModificationReports/default.aspx