

Quality Delivery

Actively managing our services to ensure that we deliver in a reliable, economic and efficient

Innovation

Enhancing and evolving our services to support industry changes and development of

Customer Centric

Improving the customer experience and developing richer customer relationships.

Simplification & Consolidation

Reducing complexity and

Digital Platform

Creating an agile digital platform to meet the changing energy market.

Please see Appendix A for an explanation of the different phases and reports.

BSC Change Report

Date of Panel meeting **11 November 2021**

Paper number **320/02**

Owner/author **Lawrence Jones**

Purpose of paper **For Decision**

Classification **Public**

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The Change Report is a monthly summary of all Modifications, Change Proposals and Issues that are currently active. It shows the progress of each change in a visual 'progress bar,' as well as containing text updates on what has changed since last month's Change Report. This report covers updates since 2 October up until 1 November 2021.

Summary of Open Changes

For details on the types of changes, the different phases, the types of reports and consultations please see Appendix 1.

Total changes open up until implementation

- Modifications: 17
- Change Proposal: 12
- Issues: 8

New changes since last month

Three new Modifications (P425, P426, P427), three new Change Proposals (CP1549, CP1550, CP1551) and one new Issue (Issue 98) have been raised.

Workgroups

- Workgroups held since last month's report: P415 – 28 October, P419 – 12 October, Issue 93 – 29 October
- Workgroups coming up: P419 – 4 November, P425 – early November, P426 – mid November, P427 – early November, Issue 93 – 5 November, Issue 93 – 26 November, Issue 97 – mid November, Issue 98 – late November.

Consultations

- P419 (APC) 10 Nov – 1 Dec, November CPC 11 October – 5 November: CP1549, CP1550, CP1551

Awaiting decision

- Authority: P416, P421

Decisions since last month

- Approved: P424, CP1546
- Rejected: none

Awaiting Implementation

- **Nov 21:** P399, CP1541, CP1544, CP1545, CP1547
- **Feb 22:** P402, CP1532
- **Jun 22:** P375, CP1527, CP1546
- **Feb 23:** P376

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I. Modification Updates – up until decision

P332: Revisions to the Supplier Hub Principle			Update
Date Raised:	28 January 2016	Proposer:	Smartest Energy
Target Implementation Date:	5WDs after Authority decision	Current Status:	Report Phase
Latest Update:	The Report Phase Consultation was issued on 15 September 2021 with responses invited by 5pm on 15 October 2021. There were no consultation responses received which would have required the Modification Proposal to be amended (in line with the EBGL change process). The majority of respondents disagreed with the Panel's recommendation that P332 should be approved.		
Next Event:	The Draft Modification Report is due to be presented to the Panel at its meeting on 11 November 2021. The Final Modification Report is due to be sent to the Authority on 17 November 2021.		
Issue:	The BSC when originally created was designed to support the Supplier Hub principle and to this end is silent on the practice of 'Customer appointed Agents'. The 'appointment' of Agents by Customers, outside of the Supplier Hub principle, makes managing Agent performance and delivery of obligations within the BSC difficult, resulting in a reduction in a Supplier's ability to manage performance against industry targets and risking non-delivery of specific obligations.		
Current Solution:	P332 proposes to require all existing and new SVA Data Collectors (DCs) to sign a side letter to maintain Qualification status. The letter will require SVA DCs to agree to treat all appointments the same regardless of contract status, such that they meet all relevant BSC requirements.		
History:	<p>For full details visit the P332 webpage.</p> <p>P332 was raised on 28 January 2016. The Initial Written Assessment was presented to the Panel on 11 February 2016 and entered into the Assessment Procedure.</p> <p>The first Workgroup meeting was held on 30 March 2016 and discussed P332 Proposed Modification and the Terms of Reference items.</p> <p>The second Workgroup meeting was held on 15 August 2016.</p> <p>The BSC Panel approved an eight month extension to the P332 Assessment Procedure at its meeting on 8 September 2016.</p> <p>The third Workgroup meeting was held on 26 April 2017.</p> <p>The fourth Workgroup meeting was held on 31 May 2017.</p> <p>The fifth Workgroup meeting was held on 16 August 2017.</p> <p>The progression of P332 was delayed from September 2017 to consider whether the issues would be addressed in Ofgem's Significant Code Review on Half Hourly Settlement or any other Ofgem initiatives.</p> <p>The BSC Panel approved a three month extension to the P332 Assessment Procedure at its meeting on 10 October 2019.</p>		

The sixth Workgroup meeting was held on 27 November 2019.

The seventh Workgroup meeting was held on 6 February 2020.

The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 10 September 2020.

The eighth Workgroup meeting was held on 25 September 2020.

The ninth Workgroup meeting was held on 22 October 2020.

The tenth Workgroup meeting was held on 7 December 2020 and agreed to proceed to Assessment Consultation.

The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 10 December 2020.

The BSC Panel approved a two month extension to the Assessment Procedure at its meeting on 11 March 2021.

The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 13 May 2021.

The Workgroup met on 25 May 2021 to discuss the change to the P332 solution due to the impact of metering activities moving to the Retail Energy Code (REC) on 1 September 2021. The Workgroup agreed that P332 can be sent for Assessment Consultation, subject to some amendments from Workgroup review.

The Assessment Consultation was issued on 16 July 2021, with responses invited by 5pm on 6 August 2021.

The Workgroup considered responses to the P332 Assessment Consultation at its meeting on 24 August 2021 and provided their final views against the Applicable BSC Objectives and the majority recommendation was that P332 should be rejected as the solution is not better than the current baseline.

The Assessment Report was presented to the Panel at its meeting on 9 September 2021. The Panel disagreed with the Workgroup's recommendation to reject and initially voted by majority to approve P332.

P376: Utilising a Baselining Methodology to set Physical Notifications for Settlement of Applicable Balancing Services			Update
Date Raised:	11 December 2018	Proposer:	Enel Trade S.P.A.
Target Implementation Date:	February 2023	Current Status:	Awaiting Implementation
Latest Update:	An Industry Expert Group was held 1 October 2021 to develop supporting documentation to give effect to this Modification.		
Next Event:	A second Industry Expert Group will be held on 1 November to finalise supporting documentation prior to consultation.		
Issue:	<p>Elexon raised Issue 71 'Introduction of a baselining methodology as an alternative to Physical Notifications' on 15 June 2018. This Modification builds on the back of this Issue and formally raises a Modification Proposal relating to the same defect. Modification Proposal P344 'Project TERRE implementation into GB market arrangements' seeks to align the Balancing and Settlement Code (BSC) with the European Balancing Project TERRE (Trans European Replacement Reserves Exchange) requirements. The solution developed by the P344 Workgroup allows customers (or independent aggregators acting on their behalf) to participate in TERRE (and the BM) independently of their electricity Supplier, by registering a 'Secondary BM Unit'.</p> <p>The P344 solution is intended to facilitate participation in the BM and TERRE by a wider range of industry market participants, including customers and independent aggregators. However, in the P344 solution, the existing BM Settlement arrangements remain unchanged.</p>		
Current Solution:	<p>P376 proposes to allow the Virtual Lead Party of the Secondary BM Unit, or Supplier for an Additional BM Unit, to use a baselining methodology to determine the expected energy flows for an MSID Pair in the calculation of Non-Delivery Charges and Delivered Volumes. This will decouple the expected volume used in Settlement from the Physical Notification used by the NETSO for dispatch. This change will allow Balancing Service Providers to be fully recompensed for their actual change from normal usage and the impact this change has on the system, thus enabling greater participation.</p>		
History:	<p>For full details visit the P376 webpage.</p> <p>Raised by Enel Trade S.P.A. on 11 December 2018.</p> <p>IWA – presented 13 December 2018 and submitted into Assessment Procedure.</p> <p>Workgroup 1 held 25 January 2019 with P375 - discussed possible effects on the Boundary Point and links with National Grid ESO would.</p> <p>Workgroup 2 held 18 March 2019 with P375 - designing solution and exploring assurance methods.</p> <p>Workgroup 3 held 3 June 2019 - considered baseline methodologies.</p> <p>Workgroup 4 held the 14 August 2019 - develop the Business Requirements.</p> <p>Request for Information to support analysis on 23 September 2019 with responses due 11 October 2019.</p> <p>Workgroup 5 held 10 December 2019 - review Request for Information and consider updated Business Requirements.</p> <p>Workgroup 6 held 14 September - consider the impacts and agree the solution that will be consulted on through the Assessment Procedure Consultation. Short mop up</p>		

session held 2 October, but the Workgroup was unable to reach consensus to issue its consultation.

Workgroup 7 meeting was held 6 November - finalise solution for consultation.

Workgroup 8 meeting was held 30 November

Assessment Procedure Consultation 12 January – 2 February

Workgroup 9 meeting was held 15 February – consider consultation responses

The Assessment Report was presented to the Panel on 11 March 2021. The Panel progressed P376 to the Report Phase, with an initial recommendation to approve.

The Report Phase Consultation was issued on 25 March 2021 and ran till 25 April 2021.

The Draft modification Report was presented to the Panel on 12 May 2021 where the Panel recommended approval of P376 to the Authority for implementation in February 2023.

P376 was approved by the Authority on 6 August 2021 with an Implementation Date of 23 February 2023.

P395: Excluding generators from BM Unit Gross Demand and the calculation of EMR Supplier Charges			Update
Date Raised:	7 November 2019	Proposer:	Centrica
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	<p>Elxon are continuing to draft Legal Text and obtain an accurate Impact Assessment for P395. We are experiencing difficulty establishing the implementation date for P395, due to the high complexity and stacking of BSC Changes, vital upgrades to BSC Systems, plus commitments to MWHHS, which are scheduled for implementation over the next 3-4 years and are making it challenging to prioritise P395 appropriately.</p> <p>Due to ongoing conversations needed to establish the P395 release date and conclude impact assessments and alignment with other changes in the pipeline the Panel approved a six month extension to provide contingency for further implementation discussions and any amendments to the P395 solution following the Assessment Consultation. This extends the deadline for the Assessment Report to May 2022, but we would aim to bring this sooner depending on the resolution of previously mentioned challenges.</p>		
Next Event:	<p>Elxon is now preparing the Assessment Consultation, which will be issued following the impact assessment, scheduling and legal text of P395. This is expected between February and March 2022.</p> <p>We will draft the P395 legal text and issue it to the Workgroup for review. To mitigate the need for re-drafting, or a future Modification to resolve any legal text conflicts, we will draft the P395 legal text on top of the legal text for P419 and an upcoming Modification to address misalignments between the P375 and P420 legal text, both of which will be implemented before P395.</p>		
Issue:	Currently the BM Unit Gross Demand Report attributes to Suppliers electricity they have provided to generators (including storage facilities) operated by Generation Licensees, which falls outside the definition of 'supply' in the Electricity Act 1989.		
Current Solution:	P395 proposes to amend BSC systems and processes so that the SAA-I042 'BM Unit Gross Demand Report' only includes electricity 'supplied' to premises by licensed		

	<p>Suppliers, and therefore excludes electricity imported by Generators operated by a licensee for generation activities (i.e. those activities authorised by their generation license to carry on). To facilitate this outcome, P395 proposes that the BSC incorporates the interim solution and extends it to cover complex sites too. This solution would cover sites connected to both the distribution and transmission systems, and where the sites Metering Systems are registered in Supplier Meter Registration Service (SMRS) or Central Meter Registration Service (CMRS). P395 will build on top of capabilities being introduced by P344, P375 and P383.</p>
History:	<p>For full details visit P395 webpage.</p> <p>Raised by Centrica on 7 November 2019.</p> <p>IWA – presented 14 November 2019 and progressed to the Assessment Phase.</p> <p>There was a delay in holding the first P395 Workgroup meeting caused by the urgent request to progress P397</p> <p>Workgroup 1 – held 19 February 2020 and discussed Elexon’s interpretation of ToR A) ‘Which imports should be chargeable?’. The Workgroup noted that answering the P395 problem satisfactorily will involve consideration of scalability, practicality and cost to ensure that the solution is truly enduring, consistent with regulations and scalable to domestic level.</p> <p>The Panel approved a six month extension to the Assessment Procedure to P395 on 9 April 2020 to allow for further solution development.</p> <p>Due to resource constraints and deprioritisation under the Panel’s Covid-19 prioritisation approach, work on the Modification was paused until October 2020.</p> <p>The Panel approved an eight month extension to the Assessment Procedure for P395 on 10 September 2020. Elexon will return with the P395 Assessment Report at the June 2021 Panel meeting.</p> <p>Workgroup 2 – held 4 December 2020 and the Workgroup considered draft Business Requirements.</p> <p>Workgroup 3 held 25 February 2021, where the group discussed some recommendations by the Low Carbon Contracts Company (LCCC) to expand the solution.</p> <p>Workgroup 4 held 24 May 2021, where the Workgroup agreed remaining areas needed to impact assess, develop Legal Text and issue the Modification for consultation.</p> <p>Workgroup 5 held 1 October, where the Workgroup agreed to align P395 declarations with P419 and Elexon provided updates on the challenges identified with impact assessment.</p>

P410: Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations		Update	
Date Raised:	3 July 2020	Proposer:	NGESO
Target Implementation Date:	Not expected	Current Status:	Assessment Procedure
Latest update	National Grid ESO (NGESO) submitted its updated Imbalance Settlement Harmonisation Proposal (ISHP) to Ofgem on 15 October 2021 as anticipated and noted in last months' Change Report. An Ofgem decision on the submission is expected by mid-December 2021.		
Next Event:	The Proposer expects P410 to be withdrawn in due course. Work on P410 is therefore effectively paused whilst NGESO revises its harmonisation methodology for Ofgem to consider.		
Issue:	P410 will introduce changes to the imbalance price calculations to ensure BSC compliance with the European Imbalance Settlement Harmonisation regulations.		
Current Solution:	P410 will replace the Market Index Price in the Imbalance Calculation with a new Value of Avoided Activation of balancing energy as required by the European Regulations.		
History:	<p>For full details visit P410 webpage.</p> <p>NGESO raised P410 on 3 July 2020.</p> <p>The Panel considered the IWA at its meeting on 9 July and agreed to progress P410 to the Assessment Procedure.</p> <p>Workgroup 1 held on 6 August - agreed principles for calculating a Value of Avoided Activation.</p> <p>Workgroup 2 held 9 October - considered updated proposals. The Workgroup expressed concerns that any VOAA that is compliant with the ISHP would be detrimental to BSC Objectives.</p> <p>Workgroup 3 held 17 December – unable to agree suitable solution and requested additional analysis</p> <p>National Grid ESO led an industry consultation on the EBGL Article 52 Imbalance Settlement Harmonisation Amendment proposals related to the progression of P410 concluded on 21 June 2021.</p> <p>NGESO (the Proposer of P410), submitted a revised harmonisation methodology for approval by Ofgem, as required to comply with EBGL. This will allow the continued use of the Market Index Price and remove the defect being addressed by P410. Subject to Ofgem approval, NGESO will withdraw P410.</p> <p>The Panel approved a four month extension (until October 2021) to give time for ESO to submit the revised harmonisation methodology and for Ofgem to make a decision.</p> <p>As NGESO has withdrawn its Imbalance Settlement Harmonisation Proposal (ISHP) submission to Ofgem due to a procedural point regarding timescales, as the Ofgem decision window may have times out whilst some legal text references were aligned, the Panel approved a 5 month extension to the Assessment Report, meaning it shall be delivered to the Panel (if the Mod is not withdrawn), no later than May 2022.</p>		

Date Raised:	3 September 2020	Proposer:	NGESO
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	The Panel agreed to a nine month extension to the Assessment Procedure at the October 2021 Panel. The Assessment Report will be presented at the August 2022 Panel, or earlier if possible. National Grid ESO's cost benefit analysis consultation was issued on 18 October 2021 with responses invited by 26 November 2021.		
Next Event:	National Grid ESO will then present the consultation responses to Ofgem, and dependent on the outcome of the discussions, further Workgroup meetings may need to be held to consider next steps in developing the P412 solution, or P412 could be withdrawn.		
Issue:	P412 will introduce imbalance charges for non-Balancing Mechanism (BM) Balancing Services providers, where their delivery does not match instructed volumes. This will mean the GB market more effectively meets the requirements of the Clean Energy Package.		
Current Solution:	P412 will introduce adjustments to Supplier's imbalance positions by non-BM Balancing Service Providers' instructed volumes, rather than delivered volumes as currently occurs under the P354 'Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level' solution.		
History:	<p>For full details visit the P412 webpage.</p> <p>P412 was raised on 3 September 2020. The Initial Written Assessment was presented to the BSC Panel on 10 September 2020 and entered into the Assessment Procedure.</p> <p>The first Workgroup meeting was held on 29 October 2020 to discuss the issue, the proposed solution, next steps and the proposed timetable.</p> <p>The second Workgroup meeting was held on 27 November 2020 to consider five possible solutions and discuss the pros and cons of each option.</p> <p>The third Workgroup meeting was held on 22 February 2021 to further consider the legal and technical issues with the five possible solutions.</p> <p>The fourth Workgroup meeting was held on 7 April 2021. The Proposer is still preparing to consult the Workgroup and industry on the impacts that the solution options may have, to present a cost benefit analysis to Ofgem to determine how P412 should proceed. This process was expected to conclude in November 2021. The BSC Panel approved a six month extension to the Assessment Procedure at its meeting on 8 April 2021 for this analysis to take place. The Proposer's revised timetable is for the cost benefit analysis consultation to be issued in October 2021. Once this has been completed and presented to Ofgem, further Workgroup meetings will be required to consider the development of the solution and next steps.</p>		

P415: Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties		Update	
Date Raised:	30 September 2020	Proposer:	Enel X UK Ltd
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	The 7 th Workgroup meeting for P415 took place on 28 October 2021, where the Workgroup continued to assess credit and reporting requirements. Elexon have issued the then Request for Proposal tender document for the P415 Cost Benefit Analysis (CBA), and are currently receiving responses.		
Next Event:	Elexon are assessing the best time to hold the next P415 Workgroup, as well as receiving and responding to queries as part of the tendering process for the CBA.		
Issue:	Consumers of electricity who are able to be flexible about their consumption cannot currently obtain any value from that flexibility from the Wholesale Energy Market, except if they work with their Supplier to do so. This contrasts with Balancing Services, the Balancing Mechanism, and the Capacity Market, all of which allow a customer's flexibility to be offered by an aggregator without the involvement of the Supplier.		
Current Solution:	This Modification seeks to allow Virtual Lead Parties to obtain value from flexibility within the Wholesale Energy Market.		
History:	<p>For full details visit P415 webpage.</p> <p>Raised by Enel X UK Ltd on 30 September 2020.</p> <p>Presented on 8 October 2020, where the Panel agreed to progress P415 to the Assessment Phase.</p> <p>Workgroup 1 – held on 11 December and discussed the principles behind the Modification.</p> <p>Workgroup 2 – held on 9 February and discussed more complex worked examples.</p> <p>Workgroup 3 – held 25 March where the group considered how best to incorporate P376 functionality and considered network charging.</p> <p>Workgroup 4 - held on 27 May 2021 where the Workgroup discussed current network charging arrangements, VLP's role in the market and imbalance settlement.</p> <p>Workgroup 5 -CEPA prepared a CBA options paper on behalf of the Workgroup. The paper can be found on the P415 webpage.</p> <p>Workgroup 6 – held on 3 September 2021 where the Workgroup reviewed the approach to Supplier Compensation within the Cost Benefit Analysis piece.</p>		

P416: Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail Energy Code		Update	
Date Raised:	5 November 2020	Proposer:	British Gas Ltd
Target Implementation Date:	5WD after Ofgem Approval	Current Status:	Awaiting Authority decision
Latest Update:	P416 was presented to the Panel at its meeting on 10 June 2021 where the Panel recommended rejection of the Modification.		
Next Event:	An Authority decision was expected on 1 October 2021. Ofgem now expect a decision to be made by 10 November 2021.		
Issue:	<p>If Parties' concerns over the Balancing and Settlement Code Company (BSCCo) Annual Budget are not being satisfactorily addressed by the BSCCo Board, the mechanism for further contesting them would be by raising a Resolution to the BSCCo Board. If that Resolution does not reach a satisfactory conclusion, the Party could raise further Resolutions to remove Board members.</p> <p>The Proposer contends that these are inefficient and disproportionate processes for Parties to address their concerns with the BSCCo budget.</p>		
Current Solution:	<p>P416 seeks to amend the BSC to include an appeals mechanism to Ofgem that could be used to challenge items in the Annual Budget in line with the appeals mechanism detailed in proposals for the Retail Energy Code (REC).</p> <p>The Proposed Solution contains the following key features:</p> <ul style="list-style-type: none"> Any BSC Party can raise an appeal against an Annual Budget line item within 10 WDs of the BSCCo Board issuing approval of the Annual Budget Provisions to allow the Authority to respond to appeals by referring individual items back to the Board for reconsideration, powers to change costings or remove individual items from the Annual Budget, and powers to dismiss appeals that are trivial or vexatious or has no reasonable prospect of success. Provisions to stop all of part of spend against appealed Annual Budget line items if specified conditions are met. 		
History:	<p>For full details visit the P416 webpage.</p> <p>P416 was raised by British Gas Ltd on 5 November 2020</p> <p>IWA - The BSC Panel considered the Proposed Modification at its meeting on 12 November 2020 and agreed to Progress the Modification to the Assessment Procedure Phase.</p> <p>Workgroup 1 - Held on 14 December 2020 where the Terms of Reference and background to the Modification were considered.</p> <p>Workgroup 2 - Held on 22 December 2020 where the focus was to discuss key terms of reference questions and to further develop the Modification. At this meeting the Workgroup identified additional solution options that would require an additional Workgroup meeting.</p> <p>Workgroup 3 - held on 15 March 2021. Workgroup Members further considered the Proposed Solution, considered whether the Proposed Solution better facilitates the Applicable BSC Objectives over the current baseline and agreed the Assessment Phase Consultation questions</p>		

	<p>The Assessment Procedure Consultation was issued on 7 April 2021 and closed on 22 April 2021.</p> <p>A Workgroup Meeting was held on 27 April 2021 to discuss the consultation responses and finalise the Proposed Solution. The Workgroup recommend P416 is approved.</p> <p>The Assessment Report was presented to the Panel on 13 May 2021 and the Panel sent P416 to the Report Phase with an initial recommendation to reject.</p> <p>The Report Phase consultation for P416 ran between 19 May 2021 and 3 June 2021.</p>
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P419: Enhanced Reporting of Demand Data to the NETSO to facilitate BSUoS Reform			Update
Date Raised:	6 May 2021	Proposer:	NGESO
Target Implementation Date:	23 February 2023	Current Status:	Assessment Procedure
Latest Update:	The second Workgroup was held on 12 October 2021, where the Workgroup considered the impacts and costs of the solution. However, NGESO was unable to provide its costs and impacts at this meeting, and Workgroup members requested further clarification on the associated data reporting requirements. As such, an additional meeting is required before circulating P419 for consultation.		
Next Event:	The third P419 Workgroup meeting will be held on 4 November 2021, where we are aiming to agree the solution in readiness for circulation of the Assessment Procedure Consultation.		
Issue:	The Second BSUoS Taskforce concluded Final Demand should pay all BSUoS Charges subject to sufficient notice to industry. To take this recommendation forwards, Connection and Use of System (CUSC) Modification CMP308 'Removal of BSUoS Charges from Generation' is being utilised which seeks to amend the BSUoS Charging Base to include Final Demand only. This Modification will allow NETSO the capability to do so.		
Current Solution:	This Modification seeks to ensure that BSC Systems are responsible for managing the declaration of eligible facilities and that National Grid ESO receives Supplier BMU Metered Data that excludes Imports to declared eligible facilities.		
History:	<p>P419 was raised by NGESO on 6 May 2021. The IWA was presented to the Panel at its meeting on 13 May, where it was progressed to the Assessment Procedure.</p> <p>The first Workgroup for P419 was held on 23 July 2021. The majority of the solution was agreed and a high level impact assessment returned in time for the second Workgroup. As part of our development of the solution, Elexon identified efficiencies in aligning part of the P419 solution with that of P395. We also worked with our service provider to realise further efficiencies by combining the impact assessment for the entirety of the February 2023 BSC Release (i.e. alongside P376).</p>		

P421: Align the BSC with Grid Code Modification GC0144 for TERRE Market Suspension			Update
Date Raised:	1 July 2021	Proposer:	NGESO
Target Implementation Date:	24 February 2022	Current Status:	Awaiting Authority Decision
Latest Update:	The Panel considered the Draft Modification Report at its meeting on 14 October 2021 and recommended approval. The Final Modification Report was sent to the Authority on 21 October 2021. The Implementation Date is now expected to be February 2022 as the deadline for an Authority decision for the November 2021 release has now passed.		
Next Event:	Awaiting Authority Decision.		
Issue:	The BSC does not cover the TERRE suspension scenario detailed in paragraph BC4.10(c) of the Grid Code. This paragraph relates to Terre Market suspension as a result of the operators of the TERRE Central Platform [LIBRA] notifying National Electricity Transmission System Operator (NETSO) that the TERRE market has been or is to be suspended. Additionally, provisions in the BSC outlining notification processes in the event of a TERRE Market suspension should be aligned with the Grid Code. Grid Code paragraph BC4.10 was implemented by NGESO on 26 May 2021 as part of their programme to implement the Network Code on Electricity Emergency and Restoration (NCER).		
Current Solution:	Align BSC Section Q5A with Grid Code paragraph BC4.10. The solution changes the TERRE Market suspension provisions in BSC paragraph Q5A.1 to expressly provide for the circumstances detailed in BC4.10(c) of the Grid Code. The solution also makes updates to ensure that the notification processes and obligations of the NETSO and BSCCo set out in the BSC and the Grid Code are aligned in respect of the suspension scenarios detailed in Grid Code paragraphs BC4.10 (b) and (c)s.		
History:	<p>The Panel considered the Modification at its meeting on the 8 July 2021. The Panel deferred its decision on P421 so that additional information on whether the BSC is legally required to comply/align with the Grid Code change (GC0144) and what the risks and implications are if P421 is not progressed could be provided. The Panel had concerns as to whether this Modification was needed, given GB is no longer participating in TERRE, following Brexit.</p> <p>The Panel considered P421 at its meeting on 12 August 2021. The Panel agreed to send this Modification straight to the Report Phase for a one calendar month consultation with an initial recommendation to approve. The Report Phase consultation closed on the 20th September 2021. No responses were received to the consultation.</p>		

P424: Re-insert correct definition of Settlement Error			Updated
Date Raised:	16 September 2021	Proposer:	BSC Panel
Target Implementation Date:	1WD following Authority decision	Current Status:	Implemented
Latest Update:	P424 was approved by Ofgem on 8 October 2021 with a 1WD implementation date of 11 October 2021. P424 was effective from 1 September 2021.		
Next Event:	P424 is implemented.		
Issue:	<p>P420 'Retail Code Consolidation Significant Code Review' made changes to BSC Section W 'Trading Disputes' including removing text in Clause 1.3.1 that following subsequent legal review needs to be re-inserted to ensure no commercial impact on any raised Trading Disputes to Elexon and other BSC Parties.</p> <p>However, the deleted text, means that Parties will be unable to raise Trading Disputes that arise from data and/or processes used for the purposes of Settlement.</p>		

Current Solution:	P424 seeks to update Section W clause 1.3.1 to re-insert wording to include 'the data and/or processes used for the purposes of Settlement', which was incorrectly and inadvertently removed by P420 'Retail Code Consolidation Significant Code Review'.
History:	<p>The P424 Modification Proposal Form was presented to the BSC Panel at its ad-hoc meeting on 16 September 2021. The BSC Panel unanimously agreed with all recommendations which included:</p> <ul style="list-style-type: none"> • BSC Panel raised the Modification • Recommended to the Authority the Modification is treated as Urgent • The Modification progresses directly to Report Phase <p>These recommendations were made in order to correct the manifest error within Section W in the shortest possible timescale.</p> <p>Ofgem confirmed in its letter to the BSC Panel dated 17 September 2021 that P424 has been granted Urgent Modification status.</p> <p>The Panel unanimously recommended approval of the Modification at its ad-hoc meeting on 30 September and submitted the Final Modification Report to Ofgem for decision on 1 October 2021.</p>

P425: Amendment to the definition of Shared SVA Meter Arrangement			New
Date Raised:	6 October 2021	Proposer:	E.ON Energy Solutions Limited
Target Implementation Date:	5WD following Authority decision	Current Status:	Assessment Procedure
Latest Update:	The Panel considered the Initial Written Assessment at its meeting on 14 October 2021. The Panel agreed that P425 can progress for a five month Assessment Procedure.		
Next Event:	The first Workgroup meeting is due to be held week commencing 8 November 2021.		
Issue:	The Proposer believes the existing rules for Shared SVA Meter Arrangements unnecessarily state that the arrangement must be between two or more Suppliers. This places a requirement for each end customer to procure different electricity Suppliers before a Shared SVA Metering Arrangement can be put in place.		
Current Solution:	This Modification proposes to remove the requirement for a Shared SVA Metering Arrangement to involve two or more Suppliers, with the definition amended so that one or more Supplier may be involved.		
History:	E.ON Energy Solutions Limited raised P425 on 6 October 2021.		

P426: Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation			New
Date Raised:	11 October 2021	Proposer:	Drax Energy Solutions Limited
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	<p>Drax Energy Solutions Limited raised P426 on 11 October 2021.</p> <p>The Initial Written Assessment was presented to the Panel at its meeting on 14 October 2021. The Panel agreed by majority that P426 can progress for a six month Assessment Procedure.</p>		
Next Event:	The first Workgroup meeting is due to be held week commencing 15 November 2021.		
Issue:	The current method for calculating BSC Party Energy Indebtedness is inefficient for Parties who have multiple BSC Parties within their group of companies.		

	Currently, BSC Party Energy Indebtedness is calculated individually for each BSC Party (a legal entity, registered with Companies House) and Credit Cover must be lodged on that basis. Currently there is no option for companies within the same group to provide collective credit arrangements. With individual calculation and lodging of credit, Parties are unable to optimise provision into a single position resulting in disproportionate and inefficient levels of credit being lodged in aggregate.
Current Solution:	This Modification proposes to provide the option that related BSC Parties are able to rely on shared credit arrangements and provision. Where BSC Parties are related (i.e. within the same body corporate), the proposal is that the Energy Indebtedness of each BSC Party should be combined and the Credit Cover Calculation then performed on the combined position. Parties would assume joint liability in the event Elexon calls on Credit, and so overall risk to Settlement should remain the same as for the current arrangements.
History:	Drax Energy Solutions Limited raised P426 on 11 October 2021.

P427: Publication of Performance Assurance Parties' impact on Settlement Risk			New
Date Raised:	14 October 2021	Proposer:	BSC Panel
Target Implementation Date:	30 June 2022	Current Status:	Assessment Procedure
Latest Update:	The Initial Written Assessment was presented to the Panel at its meeting on 14 October 2021. The Panel agreed unanimously that P427 can progress for a six month Assessment Procedure.		
Next Event:	The first Workgroup meeting is due to be held in the week commencing 15 November 2021 however it is currently proving difficult to get a quorate Workgroup.		
Issue:	Through industry engagement undertaken as part of the Performance Assurance Framework (PAF) review project, one of the problems identified was that issues often take longer to resolve than expected, given appropriate resource allocation to issue resolution by relevant market participants. This was particularly evident in respect of the Error and Failure Resolution (EFR) process where EFR plans often take a considerable time to be resolved, with many plans remaining open for over a year.		
Current Solution:	P427 seeks to amend BSC Section Z – Performance Assurance to allow the Performance Assurance Board (PAB) to recommend that the Panel publish notices to industry in respect of Performance Assurance Parties' (PAPs') contribution to Settlement Risk along with relevant risk data. This will increase the effectiveness of all detective and investigative Performance Assurance Techniques (PATs) including Error and Failure Resolution (EFR) through greater incentives. Improved efficiency of PAF with swifter resolution rates to EFR plans and any other significant issues that impact Settlement is expected.		
History:	The BSC Panel raised P427 following its meeting on 14 October 2021.		

II. Change Proposal Updates – up until Decision

CP1544: BSCCo Approved EFR Representative sign-off required for any EFR plan following escalation			Update
Date Raised:	2 June 2021	Proposer:	Elexon
Target Implementation Date:	4 November 2021	Current Status:	Awaiting Implementation
Latest Update:	Elexon presented the Assessment Report for decision to the PAB on 30 September 2021 and the ISG and SVG on 5 October. All committees approved CP1544 unanimously for implementation on 4 November 2021.		
Next Event:	CP1544 will be implemented on 4 November 2021.		
Issue:	<p>Error and Failure Resolution is not applied in the case of immaterial non-compliances. Therefore any error or failure which has justified the application of EFR is by its nature introducing material error into Settlement. Further, the majority of such issues present risk or on-going impact to other market participants and consumers.</p> <p>One of the issues identified by the PAF review was that EFR plans are often not resolved in a timely manner, the PAF review project noted that the majority of EFR plans take over a year to be resolved. Industry and committee feedback supported a view that this was at least in part due to operational teams not being able to secure the resource necessary to resolve non-compliances and implement enduring controls and mitigations.</p>		
Current Solution:	<p>Following PAB escalation, and prior to the revised plan being approved by the BSCCo, the revised EFR plan must be signed off by a BSCCo Approved EFR Representative. For the purposes of BSCP538, a 'BSCCo Approved EFR Representative' means a representative identified by the escalated PAP who is:</p> <ul style="list-style-type: none"> a company director or partner of the PAP, or an employee of management seniority with sufficient authority to be able to ensure delivery of the EFR plan, and approved by the BSCCo. <p>This solution would require clear consequences for non-compliance. Therefore a requirement to comply would need to be enshrined within the code. This change should increase focus on issues in EFR at a corporate level. This should result in more resource within PAPs being devoted to EFR issues which would therefore be resolved more quickly.</p>		
History:	<p>For full details visit the CP1544 webpage.</p> <p>CP1544 was raised by Elexon on 6 April 2021.</p> <p>The CP Progression Paper was presented to PAB on 27 May 2021 and ISG and SVG on 1 June 2021 with the committees unanimously agreeing to progress to the Consultation phase.</p> <p>CP1544 was submitted for Industry consultation on 7 June 2021 with consultation responses invited by 2 July 2021. The CP received three responses with two in disagreement and one neither positive nor negative.</p>		

Elxon presented the Assessment Report to the PAB on 29 July 2021 and the ISG and SVG on 3 August. Following industry engagement, we revised the solution. However following discussion at the July 2021 PAB meeting we agreed to consult on a further alternative solution.

The second CP1544 industry consultation ended on 6 September 2021 with 4 responses which were all in support of the revised solution

CP1546: Introducing Data Transfer Catalogue (DTC) flows to transfer UMS Summary Inventories and Control files			Update
Date Raised:	8 July 2021	Proposer:	Elxon
Target Implementation Date:	30 June 2022	Current Status:	Awaiting Implementation
Latest Update:	The CP1546 Assessment Report was presented to the SVG at its meeting on 5 October 2021. The committee had no comments and unanimously approved CP1546 for implementation on 30 June 2022 as part of the standard June 2022 BSC release.		
Next Event:	CP1546 will be implemented on 30 June 2022 as part of the standard June 2022 BSC release.		
Issue:	Unmetered Supplies Operators (UMSO) are currently unable to use automated processes to send Unmetered Supplies (UMS) inventory data to Meter Administrators (MA). With the implementation of Market-wide Half Hourly Settlement (MHHS) the volume of files to be transferred will increase significantly, this CP intends to align the HH process with NHH.		
Current Solution:	CP1546 intends to introduce two new mandatory dataflows to be sent over the Data Transfer Service (DTS). The two dataflows would be a combined Summary Inventory and Central Management System (CMS) Control File, sent from the UMSO to MA, and a UMS Response which would be sent from the MA to the UMSO to confirm successful processing or rejection.		
History:	<p>For full details visit the CP1546 webpage.</p> <p>CP1546 was raised by Elxon on 8 July 2021.</p> <p>The CP Progression Paper was presented to SVG on 6 July 2021.</p> <p>CP1546 was submitted for Industry consultation on 12 July 2021 with consultation responses invited by 6 August 2021.</p> <p>The CP1546 Industry consultation period closed on 6 August 2021. A majority of respondents requested a change in Implementation date to 30 June 2022.</p>		

CP1548: 'Remove constraint requiring BMRS to publish data files in a specific CSV format and structure'		Update	
Date Raised:	8 July 2021	Proposer:	Elexon
Target Implementation Date:	24 February 2022	Current Status:	Consultation
Latest Update:	No responses to CP1548 were received, therefore in the absence of any new arguments against implementing this simple change Elexon will recommend to the ISG that this change is approved.		
Next Event:	CP1548 is being presented to the ISG on 2 November 2021, with a recommendation to approve this change.		
Issue:	Section 4.13 of the New Electricity Trading Arrangements IDD Part 1 Document contains the structure for the data download provided to Balancing Mechanism Reporting Service (BMRS) website users in comma-separated values (CSV) format. The Extensible Markup Language (XML) downloads for the BMRS website are not contained in the IDD. The NETA IDD Document is a Category 1 BSC Configuration Item, which is governed by the BSC Change Process, meaning that simple changes to requirements for data formats require a Change Proposal to support. As the CSV downloads follow the same structure as the BMRS APIs, it is more suitable to set out the requirements for BMRS publication data formats in the BMRS API and Data Push User Guide.		
Current Solution:	This CP would remove the specification of particular download formats in NETA IDD Part 1 Document paragraph 4.13. Instead, agreed publication formats will be housed and maintained in the BMRS API and Data Push User Guide, which is a BSC Guidance Note. For avoidance of doubt, the CSV downloads are not being removed from the BMRS and this CP does not propose to change the requirements it is removing from the NETA IDD Part 1 Document.		
History:	<p>For full details visit the CP1548 webpage.</p> <p>CP1548 was raised by Elexon on 7 September 2021.</p> <p>The CP1548 Progression Paper was presented to the ISG at their meeting on 7 September 2021 who agreed to progress the CP to the Consultation phase.</p> <p>CP1548 was issued for Industry Consultation on Monday 13 September 2021 with responses invited by Friday 8 October 2021.</p>		

CP1549: Amendment of BSCP516 to clarify the criteria for Non-Domestic SVA Metering Systems to be allocated to Profile Classes 3 or 4			New
Date Raised:	6 October 2021	Proposer:	Elxon
Target Implementation Date:	24 February 2022	Current Status:	Consultation
Latest Update:	CP1549 was sent out for industry consultation on 11 October 2021, with responses invited by 5 November 2021.		
Next Event:	CP1549 Assessment report will be presented to SVG on 7 December 2021.		
Issue:	A clause needs to be removed from BSC Procedure BSCP516 'Allocation of Profile Classes and SSC's for Non Half Hourly SVA Metering Systems Registered in SMRS' that is inconsistent with the BSC legal text introduced by Modification P272 ('Mandatory Half Hourly Settlement for Profile Classes 5-8'). Removing this clause will clarify that it is possible for a site to revert from half hourly (HH) to non-half hourly (NHH) if it is reclassified as Profile Classes (PCs) 3 or 4.		
Current Solution:	A Change is required to remove the text from BSCP516 that suggests a Change of Measurement Class from HH to NHH PC 3 or 4 is not possible to ensure the procedure is aligned with the rules set out in BSC Section L 'Metering'.		
History:	For full details visit the CP1549 webpage . The Progression Paper was presented to the SVG on 5 October 2021.		

CP1550: Updates to monitoring of voltage failure alarms requirements			New
Date Raised:	6 October 2021	Proposer:	Elxon
Target Implementation Date:	30 June 2022	Current Status:	Consultation
Latest Update:	CP1550 was sent out for industry consultation on 11 October 2021, with responses invited by 5 November 2021.		
Next Event:	CP1550 Assessment report will be presented to SVG on 7 December 2021.		
Issue:	<p>Section 5.1.3 of Code of Practice (CoP) 1 'The metering of circuits with a rated capacity exceeding 100 MVA for Settlement purposes' and CoP2 'The metering of circuits with a rated capacity not exceeding 100 MVA for Settlement purposes' outlines the requirement for monitoring voltage transformers and creating failure alarms at CoP1 and CoP2 sites.</p> <p>Currently, there is a lack of clarity around the technical requirements of monitoring Voltage Transformers (VTs) and whether voltage monitoring (i.e. phase failure) can or cannot be combined with other prevailing conditions before the phase failure alarm is activated.</p> <p>Also, the obligation where a separate Outstation (a data logger) is used that requires a phase failure alarm to be flagged in a manned location is obsolete for CoPs 1 and 2 Metering Systems. This is because most new Power Stations do not use separate Outstations nor have manned locations at the site.</p>		
Current Solution:	CP1550 seeks to clarify to Meter Agents how phase failures should be managed and to remove the outdated requirement currently outlined in section 5.1.3 of CoPs1 and 2		
History:	For full details visit the CP1550 webpage . The Progression Paper was presented to the SVG on 5 October 2021.		

CP1551: Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations		New	
Date Raised:	6 October 2021	Proposer:	Elexon
Target Implementation Date:	24 February 2022	Current Status:	Consultation
Latest Update:	CP1551 was sent out for industry consultation on 11 October 2021, with responses invited by 5 November 2021.		
Next Event:	CP1551 Assessment report will be presented to ISG and SVG on 7 December 2021.		
Issue:	From 1 January 2021 all new Meter designs, which would previously have been Measurement Instruments Directive (MID) approved and placed on the market in Great Britain (GB), must have the UK Conformity Assessed (UKCA) mark and be approved against the requirements of the Measuring Instruments Regulations (MIR) (SI 2016/1153), as amended by the Product Safety & Metrology etc. (Amendment etc.) Regulations (EU Exit) (SI 2019/696) legislation, which follows the basic requirements as listed for MID meters.		
Current Solution:	This CP proposes to change BSCP601 to: <ul style="list-style-type: none"> Amend the definition of 'Type Approval' to clarify to industry the requirements for new Meter Types. Update form F601/03 (Protocol Approval and Compliance Testing) Section C to align with Product Safety & Metrology etc. (Amendment etc.) Regulations (EU Exit) (SI 2019/696) legislation. 		
History:	For full details visit the CP1551 webpage . The Progression Paper was presented to the SVG on 5 October 2021.		

III. Issue Updates

Issue 91: Registration and Settlement of Smart Export Guarantee (SEG) sites			Update
Date Raised:	5 November 2020	Proposer:	EDF
Latest Update:	The third Issue Group meeting was held on 2 July 2021, to review relevant processes in BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' and the Workgroup decided that no changes were required. The draft Issue Report was reviewed by the Issue Group.		
Next Event:	The Issue Report will be tabled at the November 2021 Panel meeting.		
Issue:	<p>The Smart Export Guarantee (SEG) is an obligation set by the government for licensed electricity Suppliers to offer a tariff and make payment to small-scale low-carbon generators for exported electricity. The SEG came into force on 1 January 2020 and has introduced the need to register and settle export MPANs (Meter Point Administration Number), in accordance with the Balancing and Settlement Code (BSC) arrangements, for generators with capacity up to 5MW. For these smaller scale exports sites there is no established market and therefore the arrangements for Non Half Hourly (NHH) sites introduced by BSC Modification P081 'Removal of the Requirement for Half Hourly Metering on Third Party Generators at Domestic Premises' have not been fully tested.</p> <p>These arrangements are described in BSC Procedure (BSCP) 504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' and BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS'. There are a number of scenarios arising which question whether these existing processes established for the import market are fit for purpose for the export market and for the use of shared smart Meters.</p>		

Issue 92: Reserve Scarcity Pricing Review			Update
Date Raised:	11 December 2020	Proposer:	NGESO
Latest Update:	Following confirmation from NGESO via a cost benefit analysis that they do not anticipate recommending any changes on the back of Issue 92, WG members were invited to provide any comments on the analysis but no responses were received.		
Next Event:	Elexon will present the Issue Report at the BSC Panel on 11 November 2021.		
Issue:	Reserve Scarcity Pricing was introduced in 2015 via P305 'Electricity Balancing Significant Code Review Developments'. Since then, the way the British electricity system is balanced has changed significantly. Over the past 5 years the volume of renewables on the system has increased dramatically as has new and planned interconnection with Europe. We think that due to the changing system conditions the Reserve Scarcity Price (RSP) mechanism requires review. This should consider the issues RSP intended to solve, how they have evolved and if/what scarcity mechanism is required to incentivize market participants to support the system in tight margin situations.		

Issue 93: Review of the BSC metering Codes of Practice			Update
Date Raised:	15 January 2021	Proposer:	Association of Meter Operators
Latest Update:	<p>Since the fourth Workgroup session, we have scheduled two subgroup sessions to discuss certain aspects of Issue 93.</p> <p>The aspects are:</p> <ul style="list-style-type: none"> Measuring elements on neutral and earth conductors which looks at whether the Codes of Practice (CoPs) should mandate that all Metering Equipment installations should use 3 Current Transformers (CTs) ; and Minimum burden requirements and CT ratio which looks at whether the CoPs should mandate that CTs installed should be specified so that it does not operate below 1% of the rated current. 		
Next Event:	The next Issue group will be held on 26 November.		
Issue:	<p>Issue 93 will review the BSC metering Codes of Practice (CoPs), which have not been reviewed in totality before. Meter Operators from the Association of Meter Operators (AMO) believe they would benefit from improvement and/or clarification on a number of aspects to be identified and confirmed by this Issue.</p> <p>To optimise the activity of the Issue Group, a series of known aspects impacting the metering CoPs are combined in this single Issue (e.g. the use of Half-Hourly and Non-Half hourly as the market arrangements transition to Market-wide Half Hourly Settlement). A full list of these identified issues and considerations can be found on the proposal form, though this is not exhaustive as some issues may be consolidated, or new issues added, as part of the Issue Group process.</p>		

Issue 94: Assessing barriers to entry to the Balancing Mechanism for sub 1MW providers and decimal bids			Update
Date Raised:	6 April 2021	Proposer:	National Grid ESO
Latest Update:	<p>The second Issue Group meeting was held on 5 August 2021, to further consider the existing barriers to entry. The Workgroup decided that no immediate BSC changes are required but that there could be future consequential changes as a result of cross code changes. The draft Issue Report was reviewed by the Issue Group.</p>		
Next Event:	The Issue Report will be tabled at the November 2021 Panel meeting.		
Issue:	<p>National Grid Electricity System Operator (NGESO) conducted an impact assessment to understand the barriers to entry to joining the Balancing Mechanism (BM) for sub 1MW participants and users with decimal bids across a range of internal areas including Industry Codes, control room, IT and Settlement. The assessment concluded that further participation by small scale flexibility providers will help to enable zero carbon system operation. Further, the 1MW threshold and GSP level constraint has been noted by Market Participants as a blocker to participation.</p>		

Issue 95: Assessing the continued use of TIBCO service as a source of data for market participants			Update
Date Raised:	17 June 2021	Proposer:	Exelon
Latest Update:	Exelon have been continuing to engage with prospective members of Issue 95, which was raised by Exelon on 17 June 2021 but has struggled to attract a large enough membership to proceed. Exelon are trying to arrange the first meeting, however the low number of members mean it is proving difficult to find a time that enough members are able to support so that the meeting is quorate.		
Next Event:	Exelon are continuing to promote Issue 95, and seeking the availability of existing members for the first meeting in late November, or early in 2021 if availability is overly stretched for the rest of the year.		
Issue:	This Issue Group seeks to establish the future of the TIBCO messaging service with the migration of BMRS as part of Exelon's transformation programme. Exelon is building a new Solution for BMRS and need to understand views from BSC Parties to improve value with regards to data publications. Exelon believe it is now important to re-examine the requirements of BSC Parties and BMRS users in relation to the longevity and current implementation of the BSC obligations with respect to TIBCO.		

Issue 96: Assessing the reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply			No Update
Date Raised:	6 August 2021	Proposer:	Euston Energy
Latest Update:	The first Issue 96 Workgroup meeting was held on Friday 10 September. Four potential solutions were discussed, with two shortlisted for further discussion at the next Workgroup meeting.		
Next Event:	Exelon are to generate strawman proposals for the two shortlisted options through discussion with HHDCs. Preparation of the strawman proposals is in progress and organisation of a second Workgroup meeting will commence this month.		
Issue:	The Balancing and Settlement Code Company (BSCCo) is required to provide to the Electricity Market Reform Settlement company (EMRS) the BSC Metered Volumes it requires to accurately calculate Capacity Market (CM) and Contracts for Difference (CFD) charges. This Issue seeks to explore enduring solutions which allow correct reporting to EMRS of chargeable volumes for Supplier Volume Allocation (SVA) Metering Systems that record both exempt supply and licensed supply. There is currently no process that allows for allocation of appropriate volumes where a portion should be exempt and another portion should be licensable.		

Issue 97: Impact of CT Meter stock shortage on the BSC due to global shortage of semiconductors following COVID-19			No Update
Date Raised:	20 August 2021	Proposer:	Exelon
Latest Update:	The first Issue group was held on Tuesday 28 September to fully scope out the Issue and present initially proposed mitigations.		
Next Event:	Exelon are looking to gather further data following the first Issue group and will look to hold the next workgroup in mid-late November.		
Issue:	There is a global shortage of semi-conductors among other crucial components, which impacts the ability of Meter manufacturers to produce Meters, including those required for Settlement under the BSC. The potential for a shortage of Settlement Meters could impact a number of BSC processes. Our understanding is that this issue may also impact the availability of Current Transformer (CT) Metering, which has the highest potential for material		

impact. However, we don't believe that shortages are impacting on Central Volume Allocation (CVA) Metering, but will continue to monitor this.

Issue 98: Review of the current practice of setting Dynamic Parameters within the Balancing Mechanism

New

Date Raised:	13 October 2021	Proposer:	Energy UK
Latest Update:	Issue 98 was raised on 13 October 2021 by Energy UK and we are now obtaining membership for the first Workgroup.		
Next Event:	The first Workgroup meeting will be held in the week commencing 22 November 2021, subject to member's availability.		
Issue:	<p>Strict compliance with the market manipulation rules following Ofgem's 'Open letter on Dynamic Parameters and other information submitted by generators in the Balancing Mechanism' may lead to a less economic/efficient outcome than what some generating plant was doing prior Ofgem's open letter being published.</p> <p>There is a difference between the absolute limit of a technical parameter that a unit can operate at and the level at which it can do so in the most economically efficient manner. For example pushing a generation unit to the limit of its Minimum Zero Time would be more expensive due to the associated risks. Therefore, there is a commercial trade-off between risk and capability.</p>		

IV. Progression of Modifications – up until implementation

Key	<u>Initial Written Assessment:</u>	<u>Assessment Procedure:</u> AR: Assessment Report APC: Assessment Procedure Consultation	<u>Report Phase:</u> RC: Report Phase Consultation DMR: Draft Modification Report FMR: Final Modification Report	<u>WA:</u> With Authority Awaiting Decision	<u>AI:</u> Awaiting Implementation	<u>I:</u> Implementation	<u>CBA:</u> Cost/Benefit Analysis
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Mod	Title	Proposer	Date Raised	Urgent	Sep	Oct	Nov	Dec	Jan	Feb	Mar
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 2016	No	AR	RC	DMR/FMR				
P375	Settlement of Secondary BM Units using metering behind the site Boundary Point	Flexitricity	10 Dec 2018	No							
P376	Utilising a Baseline Methodology to set Physical Notifications for Settlement of Applicable Balancing Services	Enel Trade S.P.A.	11 Dec 2018	No	AI						

Mod	Title	Proposer	Date Raised	Urgent	Sep	Oct	Nov	Dec	Jan	Feb	Mar
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No							
P399	Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data	Sutton Bridge Power Station	24 Dec 2019	No			I				
P402	Enabling reform of residual network charging as directed by the Targeted Charging Review	National Grid ESO	5 Mar 2020.	No						I	
P410	Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations	National Grid ESO	3 July 2020	No							
P412	Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy	National Grid ESO	3 September 2020	No							

Mod	Title	Proposer	Date Raised	Urgent		Sep	Oct	Nov	Dec	Jan	Feb	Mar
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	Enel X	30 September 2020	No								
P416	Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail	British Gas	5 November 2020	No								
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	NGESO	6 May 2021	No						AR RPC	RPC DMR FMR	
P421	Align the BSC with Grid Code Modification GC0144 for TERRE Market Suspension	NGESO	1 July 2021	No		RPC	DMR	WA	AI		I	
P422	Reflecting NCER Rules in the BSC	BSC Panel	8 July 2021	No		I						
P423	Market-wide Half Hourly Settlement (MHHS) Implementation and Governance Arrangements	Ofgem	14 August 2021	No		RPC/D MR/I						

Mod	Title	Proposer	Date Raised	Urgent		Sep	Oct	Nov	Dec	Jan	Feb	Mar
P424	Re-insert correct definition of Settlement Error	BSC Panel	16 Sept 2021	Yes		RPC/D MR/FM R/I						
P425	Amendment to the definition of Shared SVA Meter Arrangement	E.ON Energy Solutions Limited	6 Oct 2021	No			IWA			APC		AR
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover	Drax Energy Solutions Limited	11 Oct 2021	No			IWA					APC
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	BSC Panel	14 Oct 2021	No			IWA				APC	

V. Progression of Change Proposals – up until implementation

Key	Assessment Procedure: PP: Progression Paper	CPC: Change Proposal Circular Consultation	Committee Decision: AR: Assessment Report FR: Final CP Report	AI: Awaiting Implementation	I: Implementation
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CP	Title	Proposer	Date Raised	Sep	Oct	Nov	Dec	Jan	Feb	Mar
CP1527	Increase the minimum data storage capacity for Settlement Outstations and mandate specific selectable integration periods for Metering Codes of Practice	Elxon	27 January 2020							
CP1532	Reduce Half Hourly Change of Supplier timelines to meet the Initial Settlement Run	Elxon	8 July 2020						I	
CP1541	Use of DTC data flow D0004 in Half Hourly Sector to inform Suppliers that a manual download to obtain data was not successful	Centrica	22 February 2021			I				

CP	Title	Proposer	Date Raised		Sep	Oct	Nov	Dec	Jan	Feb	Mar
CP1544	Category A BSC Signatory or Company Director sign-off required for any EFR plan	Exelon	2 June 2021		CPC	AR	I				
CP1545	Introducing Technical Assurance of Metering (TAM) Central Volume Allocation (CVA)	Exelon	2 June 2021		AI		I				
CP1546	Introducing Data Transfer Catalogue (DTC) flows to transfer UMS Summary	Exelon	8 July 2021		CPC	AR	AI				
CP1547	Clarification on the Site Specific Line Loss Factor Calculation Process for Embedded Licensed	Exelon	8 July 2021		AR	AI	I				
CP1548	Remove constraint requiring BMRS to publish data files in a specific CSV format and	Exelon	7 Sept 2021		AR/CPC	CPC	AR	AI		I	
CP1549	Amendment of BSCP516 to clarify the criteria for Non-Domestic SVA Metering	Exelon	6 October 2021			PP/CPC	CPC	AR	AI	I	
CP1550	Updates to monitoring of voltage failure alarms requirements	Exelon	6 October 2021			PP/CPC	CPC	AR			
CP1551	Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations	Exelon	6 October 2021			PP/CPC	CPC	AR	AI	I	

VI. BSC Releases Road Map

The tables below summarise the scope of each BSC Release. Further information can be found on the [Releases](#) page of our website.

November 2021 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P399	Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data	System	7. Implementation Phase
CP1541	Use of DTC data flow D0004 in Half Hourly Sector to inform Suppliers that a manual download to obtain data was not successful	Document Only	7. Implementation Phase
CP1544	BSCCo Approved EFR Representative sign-off required for any EFR plan following escalation	Document Only	7. Implementation Phase
CP1545	Introducing Technical Assurance of Metering (TAM) Central Volume Allocation (CVA) Specific Sample audits	System	7. Implementation Phase

February 2022 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P402	TCR SCR - implementing Ofgem's policy decision	Document Only	7. Implementation Phase
CP1532	Review Appointment of Agent Timelines	Document Only	7. Implementation Phase

June 2022 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P375	Settlement of Secondary BM Units using metering at the asset	System	7. Implementation Phase
CP1527	Increase the minimum data storage capacity for Settlement Outstations and Mandate specific selectable DPs for CoPs 3, 5, and 10	Document Only	7. Implementation Phase
CP1546	UMS Summary Inventory and Control File Data Flow	Document Only	7. Implementation Phase

November 2021 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P376	Utilising a baselining methodology as an alternative to Physical Notifications	System	7. Implementation Phase

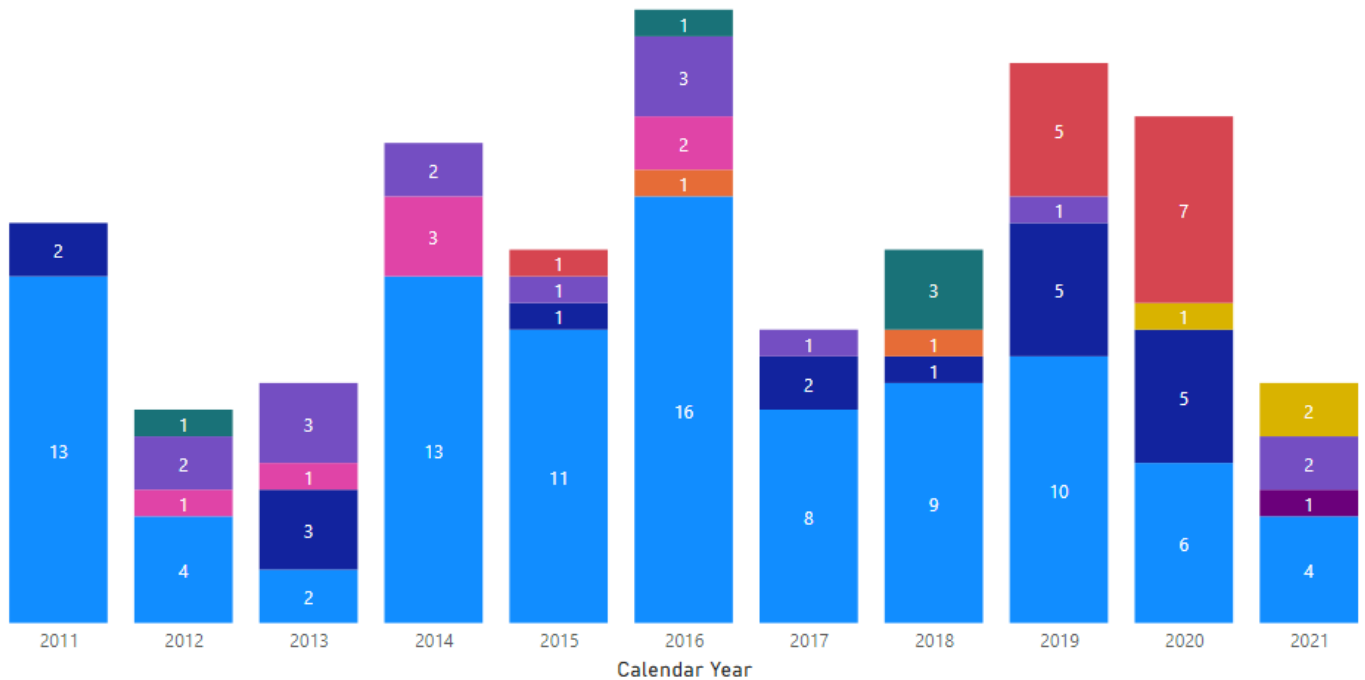
Ad Hoc Releases				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Implementation Date
P416	To introduce a route of appeal for the BSC Annual Budget	Document Only	6. Authority Decision / SG Appeal Window	5 WDs after Authority decision

February 2022 Release				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Target Implementation Date
P332	Revisions to the Supplier Hub Principle	Document Only	5. Report / Panel Decision Phase	5 WDs after Authority decision
P395	Final Consumption Levies (FCLs)	System	4. Assessment / Consultation Phase	TBC
P410	Changing imbalance price calculations to comply with the imbalance Settlement Harmonisation regulations	System	4. Assessment / Consultation Phase	TBC
P412	Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy	System	4. Assessment / Consultation Phase	TBC
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	System	4. Assessment / Consultation Phase	TBC
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	System	4. Assessment / Consultation Phase	Feb 23
P421	Align the BSC with Grid Code modification GC0144 for TERRE Market suspension	Document Only	6. Authority Decision / SG Appeal Window	Feb 22
P425	Amendment to the definition of Shared SVA Meter Arrangement	Document Only	4. Assessment / Consultation Phase	Jun 22
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation	System	4. Assessment / Consultation Phase	TBC
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	Document Only	3. Initial Assessment	Jun 22
CP1548	Remove the constraint, in NETA IDD Part 1 Document, requiring BMRA to publish data files in the specific CSV format	Document Only	4. Assessment / Consultation Phase	Feb 22
CP1549	CP1549 - Amendment of BSCP516 to clarify the criteria for Non-Domestic SVA Metering Systems to be allocated to Profile Classes 3 or 4	Document Only	4. Assessment / Consultation Phase	Feb 22
CP1550	Monitoring of Voltage failure alarms	Document Only	4. Assessment / Consultation Phase	Jun 22
CP1551	Updates for the Measuring Instruments Regulations	Document Only	4. Assessment / Consultation Phase	Feb 22

VII. Modification Trend Chart

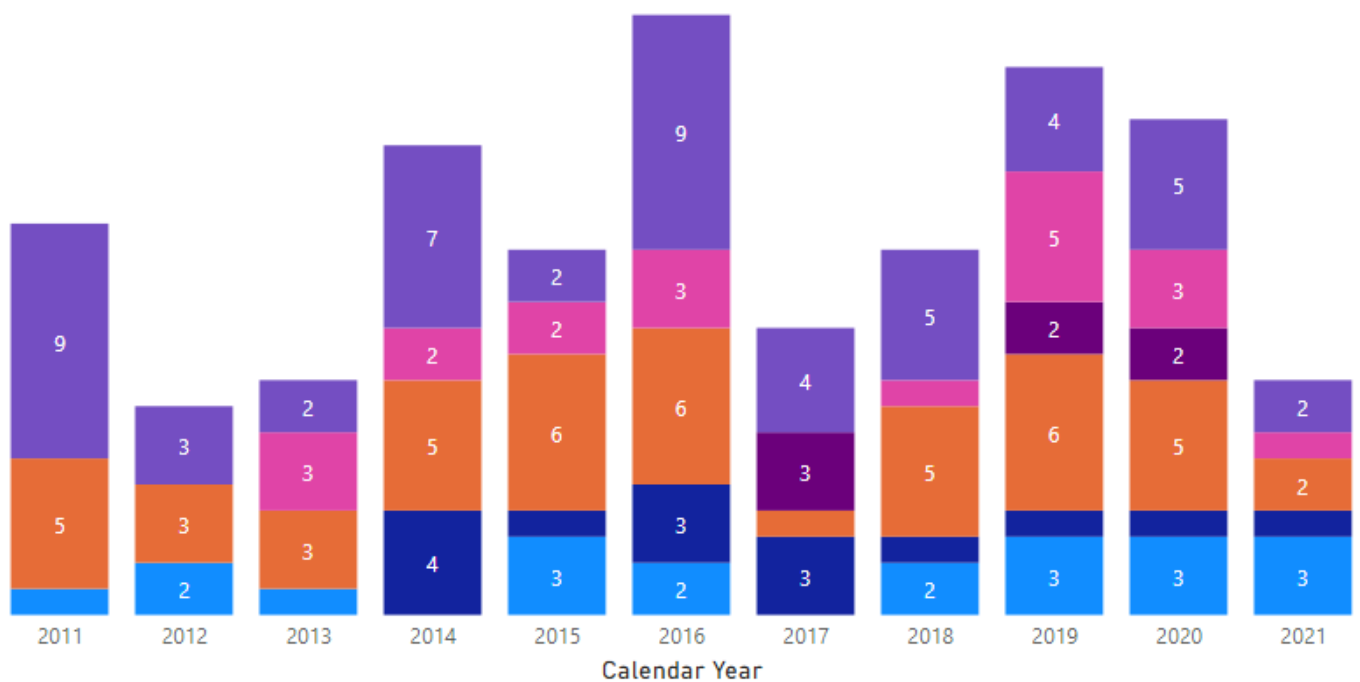
What's driving the raising of Modifications?

Driver ● Defect ● Europe ● Legislation ● Legislation (inc. CMA) ● Ofgem ● Other Code ● SCR ● Strategic Improvement ● Workgroup/Committee



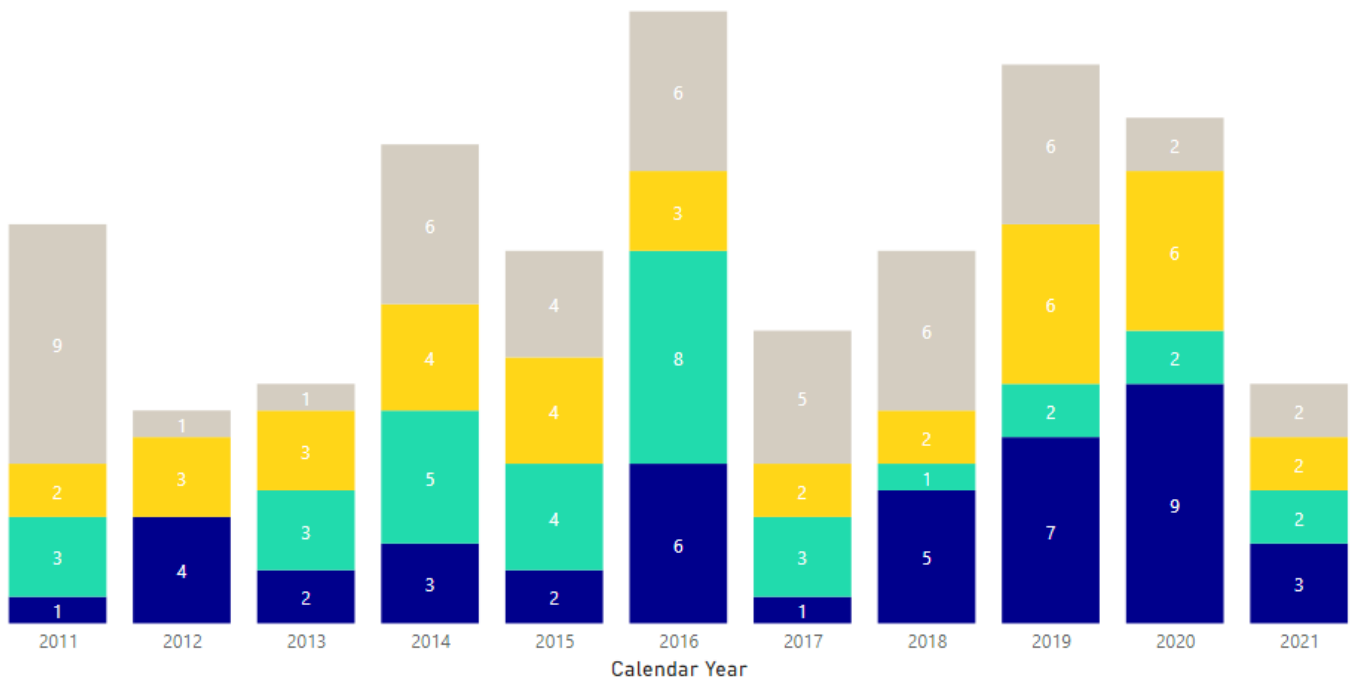
What type of Modifications are being raised?

Category L1 ● Assurance ● Credit ● Governance ● Registration ● Reporting ● Settlement



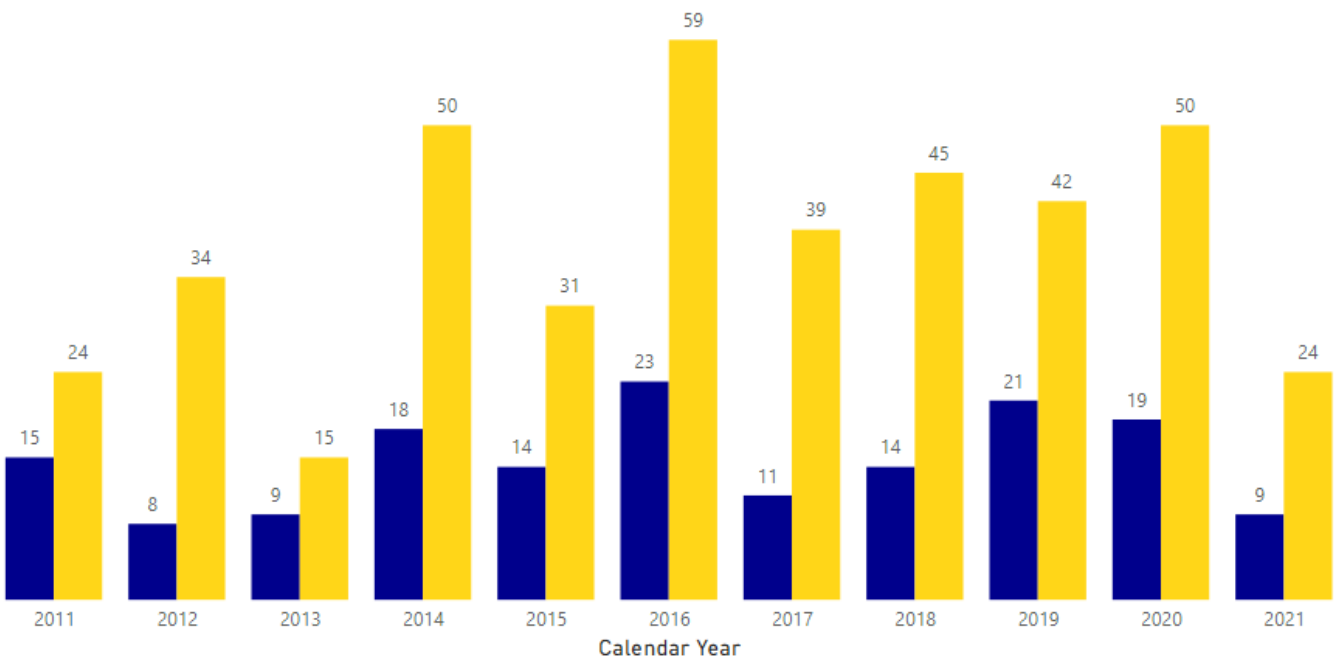
Who is raising Modifications?

Raiser ● BSC Panel ● Incumbents ● National Grid ● Other



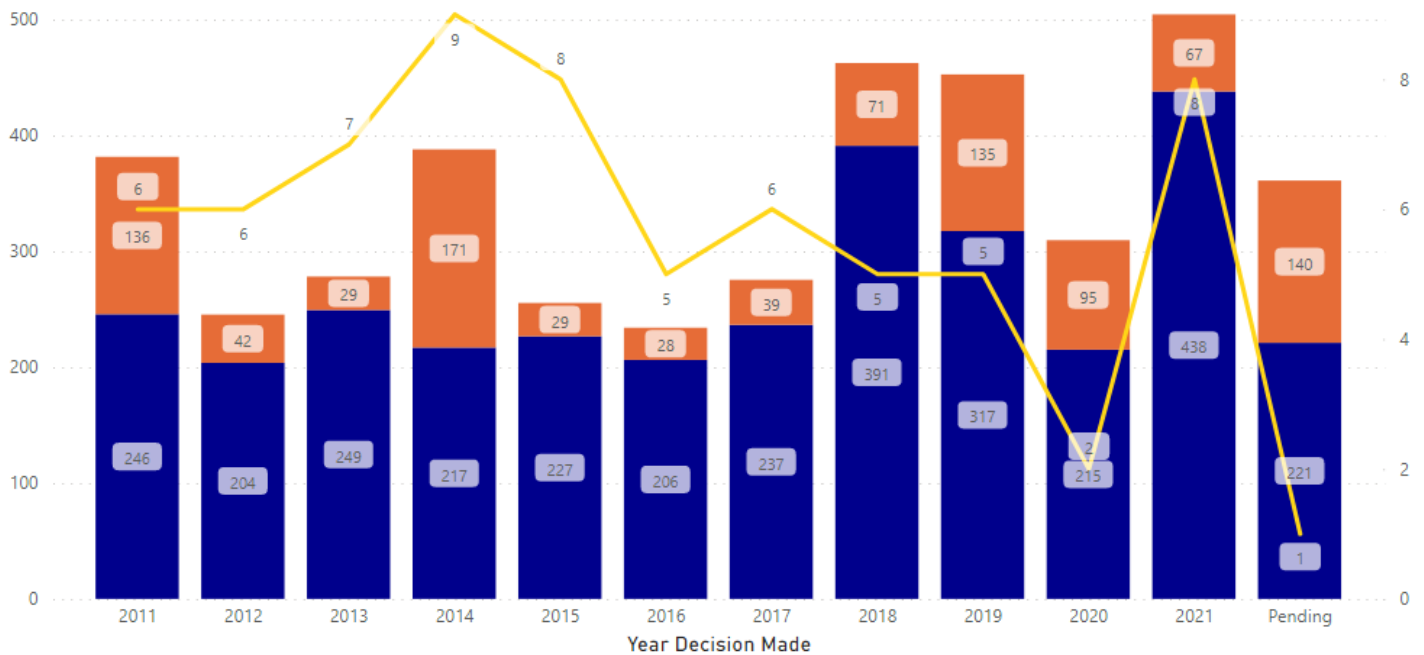
How many Modifications raised and Workgroups held?

● Mods raised ● Workgroups (excl. Issues)



Mean calendar days to send to Ofgem, Mean calendar days for Ofgem to make decision and Count of Mods decided by Year Decision Made

● Mean calendar days to send to Ofgem ● Mean calendar days for Ofgem to make decision ● Count of Mods decided



* excludes Self-Governance, Fast-Track Self Governance, straight to Report Phase and Urgent Modifications

VIII: Recommendations

We invite the Panel to:

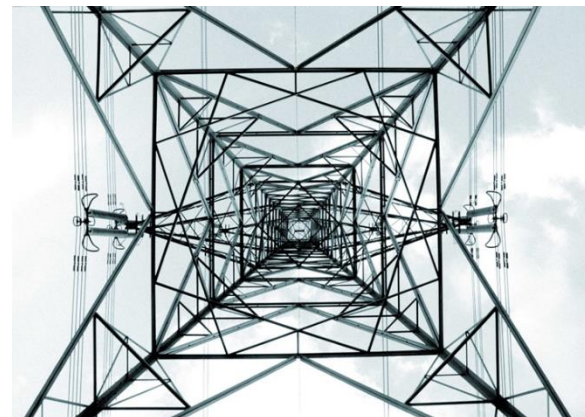
- **NOTE** the contents of the November 2021 Change Report.

For more information, please contact:

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020 7380 4118



Appendix A

Key

Initial Written Assessment	Includes Elexon's Initial Written Assessment of the implications of each Modification Proposal and a recommendation of how the Modification should proceed.	Includes Elexon's Initial Written Assessment of the implications of each Change Proposal to seek Committee(s) initial views and agree the consultation questions.
Assessment Procedure	Workgroups are held to develop and assess the proposal. The Workgroup recommendations are consulted on (Assessment Procedure Consultation), before being submitted to Panel with the Workgroup's recommendations on how to proceed (Assessment Report). The Panel initial views are gathered.	The proposal is consulted on in a Change Proposal Consultation Batch. The relevant Committee(s) then decide(s) whether to approve or reject the Change Proposal.
Report Phase	The Panel's initial views on whether to approve and timescales for implementation are consulted on (Report phase Consultation). The responses to the consultation are then presented to the Panel for their final views (Draft Modification Report). The Panel decide whether to approve or reject the Modification and publish the Final Modification Report. If the Modification cannot be approved under Self-governance, the Final Modification Report is sent to Ofgem for decision.	Not applicable.
Awaiting Decision	Modifications that have been submitted to Ofgem for decision or Modifications that have been decided on by the Panel under Self-Governance arrangements and are still subject to objection by BSC Parties (15 Working days after the Panel's decision).	Not applicable.
Awaiting Implementation	Modifications that have been approved but not yet implemented and details of Modifications that have been rejected or withdrawn.	Change Proposals that have been approved but not yet implemented and Change Proposals that have been rejected.
Rejected / Withdrawn	Modifications that have been rejected by the BSC Panel/ the Authority or withdrawn by the Proposer or the Pane	Change Proposals that have been rejected by the Panel or the relevant Panel sub-Committee.