

ELEXON

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 **9 December 2021**

Paper number **321/02**

Owner/author **Lawrence Jones**

Purpose of paper **For Decision**

Classification **Public**

Document version **V1.0**

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 November up until 30 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: 11
- Issues: 6

New changes since last month

Three new Modifications (P428, P429, P430) and four new Change Proposals (CP1552, CP1553, CP1554, CP1555) have been raised.

Workgroups

- 6 Workgroups held since last month's report: P419 – 4 November, P425 – 10 November, Issue 93 – 5 November, Issue 93 – 26 November, Issue 97 – 15 November, Issue 98 – 25 November
- 8 Workgroups coming up: P415 – mid December, P419 – 17 December, P426 – mid December/early January, P427 – mid January, Issue 95 early January, Issue 96 – early January, Issue 97 – early March, Issue 98 – late January

Consultations

- Feb 23 Release Circular 16 Nov – 6 Dec, P419 (APC) 15 Nov – 6 Dec, P428 (RPC) 17 Nov – 30 Nov, P429 (RPC) 16 Nov – 29 Nov, November CPC 8 November – 3 December: CP1552, CP1553, CP1554, CP1555

Awaiting decision

- Authority: P332, P421

Decisions since last month

- Approved: CP1548
- Rejected: P416

Awaiting Implementation

- **Feb 22:** P402, CP1532, CP1548
- **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:	With Authority
Latest Update:	The Draft Modification Report was presented to the Panel at its meeting on 11 November 2021. The Panel recommended by majority that P332 should be approved, contrary to the Workgroup recommendation. The Final Modification Report was sent to the Authority on 17 November 2021.		
Next Event:	P332 is with the Authority to determine whether it should be approved.		
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> <p>The sixth Workgroup meeting was held on 27 November 2019.</p>		

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.

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.

P395: Excluding generators from BM Unit Gross Demand and the calculation of EMR Supplier Charges			No 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 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.		
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 Elxon'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>		

The Panel approved a six month extension to the Assessment Procedure to P395 on 9 April 2020 to allow for further solution development.

Due to resource constraints and deprioritisation under the Panel's Covid-19 prioritisation approach, work on the Modification was paused until October 2020.

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.

Workgroup 2 – held 4 December 2020 and the Workgroup considered draft Business Requirements.

Workgroup 3 held 25 February 2021, where the group discussed some recommendations by the Low Carbon Contracts Company (LCCC) to expand the solution.

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.

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.

P410: Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations		No 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 complaint 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 withdrew 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>		

P412: Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy			Update
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 and closed on 26 November 2021.		
Next Event:	National Grid ESO are planning to collate the consultation responses and present a conclusion report to Ofgem by the end of the year, 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:	Elxon have been undertaking the tendering process for the award of the Cost Benefit Analysis for P415.		
Next Event:	Elxon 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. The results of the tendering process will be presented at the December BSC Panel meeting.		
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> <p>Workgroup 7 – held on 28 October 2021 where the Workgroup continued to assess credit and reporting requirements</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:	N/A	Current Status:	Rejected
Latest Update:	Ofgem rejected P416 on 10 November 2021 as they considered that the Modification proposal does not better facilitate BSC Objective (d) and has a neutral impact on the other applicable Objectives.		
Next Event:	None.		
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 third P419 Workgroup meeting was held on 4 November 2021, and the Assessment Procedure Consultation was circulated on 15 November, with responses welcomed by 6 December. The Workgroup are initially recommending P419 is approved.		
Next Event:	The Assessment Procedure Consultation will close on 6 December, and the fourth Workgroup meeting will be held on 17 December, where the Workgroup's recommendations to the Panel will be agreed. P419 is scheduled to be presented to the Panel in January 2022.		
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> <p>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. As such, an additional meeting was required before circulating P419 for consultation.</p>		

P421: Align the BSC with Grid Code Modification GC0144 for TERRE Market Suspension			No 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 20 September 2021. No responses were received to the consultation.</p>		

P425: Amendment to the definition of Shared SVA Meter Arrangement			Update
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 first Workgroup meeting was held on 10 November 2021. Details of the changes required to the BSC legal text and CSDs were discussed, as well as any potential impacts of the change. As a result of the discussion, Elexon are drafting the legal text for Workgroup review. The Workgroup agreed a solution for Assessment Consultation and provided their initial views.		
Next Event:	The legal text will be shared with the Workgroup for review in December before the Assessment Consultation is issued in January 2022.		
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. 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.

P426: Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation		Update	
Date Raised:	11 October 2021	Proposer:	Drax Energy Solutions Limited
Target Implementation Date:	TBC	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 by majority that P426 can progress for a six month Assessment Procedure.		
Next Event:	The first Workgroup meeting is due to be held mid-December/early January once a quorate Workgroup has been formed.		
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			Update
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 was initially delayed due to quoracy issues. We now have enough members and the first meeting has been scheduled for mid-January, two months later than planned.		
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.		

P428: Correction to P376 Legal Text			New
Date Raised:	11 November 2021	Proposer:	BSC Panel
Target Implementation Date:	23 February 2023	Current Status:	Report Phase Consultation
Latest Update:	P428 was presented to the Panel on 11 November 2021 where they agreed to raise the Modification and send it directly to the Report Phase. The Panel initially believe P428 should be approved. The Consultation for P428 was issued on 17 November 2021 and closed on 30 November 2021. No responses to the consultation were received.		
Next Event:	The P428 Draft Modification Report will be presented to the Panel at its meeting on 9 December 2021 for decision.		
Issue:	This Modification is required to correct an error contained within the approved legal drafting for P376. This Proposal will ensure that Virtual Lead Parties (VLPs) do not need to submit the status of Metering System Identifier (MSID) pairs contained within secondary Balancing Mechanism (BM) Units that do not use the baselining methodology introduced in the P376 solution.		
Current Solution:	This Modification moves BSC Section S 10.1.3A (i) in the approved P376 legal text to Section 10.1.3A and updates the reference to this Section in 10.1.3B. This will ensure that the 'Inactive' status of an MSID pair will only need to be specified by VLPs in baselined BM units.		
History:	The BSC Panel raised P428 on 11 November 2021.		

P429: Switching off Participant-Reported PARMS Serials		New	
Date Raised:	11 November 2021	Proposer:	BSC Panel
Target Implementation Date:	24 February 2022	Current Status:	Report Phase Consultation
Latest Update:	P429 was raised by the BSC Panel at its meeting on 11 November 2021 on the recommendation of the PAB. It was progressed straight to the Report Phase with an initial recommendation to approve. The consultation was issued on 16 November 2021 and closed on 29 November 2021. Six responses were received from parties representing Suppliers, Supplier Agents and a Trade Body, all of which unanimously supported the approval and implementation of P429.		
Next Event:	The Draft Modification Report will be presented to the BSC Panel at its meeting on 9 December 2021 to get its final recommendation.		
Issue:	This Modification has been raised by the BSC Panel on the recommendation of the Performance Assurance Board (PAB) because the cost of reporting and processing participant-reported PARMS serials is thought to be disproportionate to the benefits provided. Evidence gathered as part of Issue 69 'The Performance Assurance Framework Review' suggests the data that is reported is of limited value and has inherent weaknesses. Moreover, there are other Performance Assurance Techniques (PATs) that can be used to manage the associated Settlement Risks more effectively (e.g. the new Risk Dashboards). Therefore, the continued provision of PARMS data by industry participants may not be justified.		
Current Solution:	P429 would permanently cease the operation of, and remove the obligations associated with, participant-reported Performance Assurance Reporting and Monitoring System (PARMS) Serials and associated Supplier Charges.		
History:			

P430: Allow Suppliers to use metering behind the site Boundary Point		New	
Date Raised:	19 November	Proposer:	Ecotricity
Target Implementation Date:	Post 2024	Current Status:	Submission
Latest Update:	P430 was raised by Ecotricity on 19 November 2021.		
Next Event:	The Initial Written Assessment will be presented to the BSC Panel at its meeting on 9 December 2021. P430 is recommended to be progressed into the Assessment Phase, and the first Workgroup is expected to be held during January 2022.		
Issue:	The P375 solution will only allow Asset Metering Virtual Lead Parties (AMVLPs) to register Asset Metering Systems in order to obtain AMSID Pairs and to allocate those AMSID Pairs to Secondary Balancing Mechanism Units (SBMUs). It is the Proposer's view that the P375 solution is incomplete and should be extended to also apply to Suppliers to avoid a distortion in the market that gives one industry Party role an advantage over another, when both can provide Balancing Services from behind the Meter.		
Current Solution:	P430 seeks to extend the solution to approved Modification P375 'Settlement of Secondary BM Units using metering behind the site Boundary Point' to allow Suppliers to register Asset Meters and allocate Asset Metering System Identifier (AMSID) Pairs to Secondary Balancing Mechanism (BM) Units.		
History:			

II. Change Proposal Updates – up until Decision

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:	Awaiting implementation
Latest Update:	The SVG approved CP1548 at its meeting on 7 November 2021, the change is awaiting implementation in the standard February 2022 release.		
Next Event:	CP1548 will be implemented in the standard February 2022 BSC release.		
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			Update
Date Raised:	6 October 2021	Proposer:	Elxon
Target Implementation Date:	24 February 2022	Current Status:	Decision
Latest Update:	CP1549 was sent out for industry consultation on 11 October 2021 and closed on 5 November 2021. We received three responses, two in favour of the CP and one disagreeing with the CP.		
Next Event:	CP1549 Assessment report will be presented to SVG on 7 December 2021 for decision.		
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			Update
Date Raised:	6 October 2021	Proposer:	Elxon
Target Implementation Date:	30 June 2022	Current Status:	Decision
Latest Update:	CP1550 was sent out for industry consultation on 11 October 2021, and closed on 5 November 2021. There were three responses from the industry and they all agreed with the solution.		
Next Event:	CP1550 Assessment report will be presented to ISG for decision 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 ISG on 5 October 2021.		

CP1551: Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations			Update
Date Raised:	6 October 2021	Proposer:	Elxon
Target Implementation Date:	24 February 2022	Current Status:	Decision
Latest Update:	CP1551 was sent out for industry consultation on 11 October 2021 and closed on 5 November 2021. We received one response, which was in favour of the CP.		
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.		

CP1552: Reflecting BSCP501 timeframes in BSCP520 processes			New
Date Raised:	3 November 2021	Proposer:	Western Power Distribution plc
Target Implementation Date:	30 June 2022	Current Status:	Consultation
Latest Update:	CP1552 was sent out for industry consultation on 8 November 2021, and will close on 3 December 2021.		
Next Event:	CP1555 Assessment report will be presented to SVG on 11 January 2021 for decision.		
Issue:	BSCP520 'Unmetered Supplies Registered in SMRS' does not include explicit timeframes for various Supplier obligations. The timeframe for these processes are found in BSCP501 'Supplier Meter Registration Service'. However, as these processes are not reflected in BSCP520, there is a risk of market participants not fully understanding the expected timescales.		
Current Solution:	This Change Proposal proposes to reflect the existing timeframe from BSCP501 section 3.3.1 (Update of SMRS Database by Supplier) in the relevant sections of BSCP520 for Supplier obligations. Footnotes will also be added to BSCP520 and BSCP501 to create a cross-reference between the documents. This will ensure there is both clarity for market participants in the reflected timescales, and also for future changes to ensure any amendments to either BSCP501 or BSCP520 are reflected between the documentation.		
History:	For full details visit the CP1552 webpage . The Progression Paper was presented to the SVG on 2 November 2021.		

CP1553: Tightening the requirements for the minimum accuracy classes for Meters and Current Transformers in the CoPs			New
Date Raised:	3 November 2021	Proposer:	Elxon
Target Implementation Date:	30 June 2022	Current Status:	Consultation
Latest Update:	CP1553 was sent out for industry consultation on 8 November 2021, and will close on 3 December 2021.		
Next Event:	CP1553 Assessment report will be presented to ISG and SVG for decision on 11 January 2021.		
Issue:	<p>Currently, the minimum accuracy class required for a Meter in CoP5 is class 2, which means the Meter must have an accuracy within $\pm 2\%$. However, the overall accuracy limit for a CoP5 Metering System is $\pm 1.5\%$. This makes it difficult for Meter Operator Agents (MOAs) to assure the overall accuracy of that Metering System, if the calibration certificates are not provided.</p> <p>Additionally, the minimum accuracy class for CTs in CoPs 3, 5 and 10 is 0.5, which means they can be tested to only 5% of the CT's rated current. When the CT measures current below 1%, their errors and therefore contribution to the overall accuracy of the Metering System will not be known.</p>		
Current Solution:	CP1553 proposes to update CoPs 3, 5 and 10. This includes updating the class in CoP5 from 2 to 1 and updating the CT class in CoPs 3, 5 and 10 from 0.5 to 0.5s.		
History:	<p>For full details visit the CP1553 webpage.</p> <p>The Progression Paper was presented to the SVG on 2 November 2021.</p>		

CP1554: Future proofing the measurement transformer standards			New
Date Raised:	3 November 2021	Proposer:	Elxon
Target Implementation Date:	30 June 2022	Current Status:	Consultation
Latest Update:	CP1554 was sent out for industry consultation on 8 November 2021, and will close on 3 December 2021.		
Next Event:	CP1554 Assessment report will be presented to ISG and SVG for decision on 11 January 2021.		
Issue:	<p>Metering Codes of Practice (CoPs) rely on the British Standard Institution (BSI) / International Electrotechnical Commission (IEC) standards for measurement transformers (i.e. current transformers and voltage transformers).</p> <p>These standards are reviewed every five years and as a result, could be extended without amendments, amended by an industry expert group, or withdrawn. When they are amended, their reference number may change, creating issues for the relevant Balancing and Settlement Code (BSC) Party or Party Agents.</p> <p>These issues could lead to the stranding of measurement transformer stocks, which is costly to the BSC Parties and Party Agents.</p>		
Current Solution:	CP1554 seeks to update the relevant CoPs to allow measurement transformer stocks, which refer to the old standard to be installed once the relevant CoPs are updated with the new standard and to allow newly procured measurement transformers, to the new standard, to be installed, until the relevant CoPs are updated.		
History:	<p>For full details visit the CP1554 webpage.</p> <p>The Progression Paper was presented to the SVG on 2 November 2021.</p>		

CP1555: Provision of consumption data to Distributors for Measurement Classes G and F		New	
Date Raised:	4 November 2021	Proposer:	Western Power Distribution plc
Target Implementation Date:	24 February 2022	Current Status:	Consultation
Latest Update:	CP1555 was sent out for industry consultation on 8 November 2021, with responses invited by 3 December 2021.		
Next Event:	CP1555 Assessment report will be presented to SVG on 11 January 2021 for decision.		
Issue:	<p>Under the new Targeted Charging Review (TCR) arrangements, Licenced Distribution System Operators (LDSOs) will require Half Hourly (HH) Metered Data for individual Metering System Identifiers (MSIDs) in Measurement Classes F and G.</p> <p>BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' does not require Half Hourly Data Collectors (HHDCs) to send MSID-level HH data to LDSOs for Metering Systems in MC F and G.</p>		
Current Solution:	This CP proposes to update the requirements in BSCP502 to require HHDCs to send D0036 or D0275 for non-Data Communications Company (DCC) enrolled Metering Systems and/or D0380 for DCC enrolled Metering Systems to LDSOs.		
History:	<p>For full details visit the CP1555 webpage.</p> <p>The Progression Paper was presented to the SVG on 2 November 2021.</p>		

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 December 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 93: Review of the BSC metering Codes of Practice			Update
Date Raised:	15 January 2021	Proposer:	Association of Meter Operators
Latest Update:	<p>A Subgroup session was held on Friday 5 November to discuss an aspect of Issue 93. Actions and recommendations were captured to be presented at the next Issue 93 Work group session.</p> <p>The fifth Work group session was held on Friday 26 November to discuss the actions captured in the last two subgroup sessions. Additionally, the redlining created from the fourth Work group session was presented to the Issue 93 group. An RFI was sent to Suppliers on Friday 26 November to seek their views on the impact that end dating CoPs 6 to 9 as part of the CoP consolidation review, will have. We expect their responses by Thursday 23 December.</p>		
Next Event:	The next Issue group will be held in mid-January 2022		
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 95: Assessing the continued use of TIBCO service as a source of data for market participants			Update
Date Raised:	17 June 2021	Proposer:	Elxon
Latest Update:	Elxon have been continuing to engage with prospective members of Issue 95, which was raised by Elxon on 17 June 2021 but has struggled to attract a large enough membership to proceed. Elxon 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:	Elxon are continuing to promote Issue 95, and seeking the availability of existing members for the first meeting early in 2022, as this is the only date where enough members will be available. Elxon have undertaken significant steps to reach out to potentially affected parties but have been unable to source a quorate group thus far. It may be necessary to reduce quoracy requirements for Issue 95 if the meeting in January is unable to go ahead for these reasons.		
Issue:	This Issue Group seeks to establish the future of the TIBCO messaging service with the migration of BMRS as part of Elxon's transformation programme. Elxon is building a new Solution for BMRS and need to understand views from BSC Parties to improve value with regards to data publications. Elxon 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			Update
Date Raised:	6 August 2021	Proposer:	Euston Energy Limited
Latest Update:	The first Issue 96 Workgroup meeting was held on Friday 10 September. Four potential solutions were discussed, with two shortlisted for further development into strawman proposals which have been drafted by Elxon.		
Next Event:	The second Workgroup meeting is due to be held in early January to discuss the proposed solutions.		
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			Update
Date Raised:	20 August 2021	Proposer:	Elxon
Latest Update:	The second Workgroup was held on 15 November 2021 where the RFI regarding meter shortage data and forecasting was discussed. An 18 month dispensation for CP1527 was agreed to be progressed as well as a CoP4 recalibration dispensation for CoP3 and CoP5. Additionally the group agreed that Elxon send a letter to Panel and BEIS informing them of the issue.		
Next Event:	A further RFI will be sent out to industry for data in February. The third Issue 97 Workgroup will be held in early March 2022.		
Issue:	<p>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.</p> <p>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.</p>		

Issue 98: Review of the current practice of setting Dynamic Parameters within the Balancing Mechanism			Update
Date Raised:	13 October 2021	Proposer:	Energy UK
Latest Update:	The first Issue 98 Workgroup was held on 25 November 2021. The group discussed each dynamic parameter to determine whether it was primarily technical or commercial. The group had a number of questions for NGESO and Ofgem who agreed to return with answers. The group also agreed to reconvene with determination on the actual definitions of technical and commercial parameters for discussion in the second Workgroup meeting.		
Next Event:	The second Workgroup meeting will be held in late January or early February 2022, 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		Oct	Nov	Dec	Jan	Feb	Mar	Apr
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 2016	No		RC	DMR/FMR	WA				
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								

Mod	Title	Proposer	Date Raised	Urgent		Oct	Nov	Dec	Jan	Feb	Mar	Apr
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		Oct	Nov	Dec	Jan	Feb	Mar	Apr
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		DMR	WA		AI	I		
P425	Amendment to the definition of Shared SVA Meter Arrangement	E.ON Energy Solutions Limited	6 Oct 2021	No		IWA			APC		AR/ RPC	RPC/ DMR/ FMR
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover	Drax Energy Solutions Limited	11 Oct 2021	No		IWA					APC	

Mod	Title	Proposer	Date Raised	Urgent		Oct	Nov	Dec	Jan	Feb	Mar	Apr
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	BSC Panel	14 Oct 2021	No		IWA				APC		
P428	Correction to P376 Legal Text	BSC Panel	11 Nov 2021	No			IWA/ RPC	DMR/ FMR	AI			
P429	Switching off Participant-Reported PARMS Serials	BSC Panel	11 Nov 2021	No			IWA/ RPC	DMR/ FMR	WA	I		
P430	Allow Suppliers to use metering behind the site Boundary Point	Ecotricity	19 Nov 2021	No			IWA					

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		Oct	Nov	Dec	Jan	Feb	Mar	Apr
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		Oct	Nov	Dec	Jan	Feb	Mar	Apr
CP1544	Category A BSC Signatory or Company Director sign-off required for any EFR plan	Elxon	2 June 2021		AR	I					
CP1545	Introducing Technical Assurance of Metering (TAM) Central Volume Allocation (CVA)	Elxon	2 June 2021			I					
CP1546	Introducing Data Transfer Catalogue (DTC) flows to transfer UMS Summary	Elxon	8 July 2021		AR	AI					
CP1547	Clarification on the Site Specific Line Loss Factor Calculation Process for Embedded Licensed	Elxon	8 July 2021		AI	I					
CP1548	Remove constraint requiring BMRS to publish data files in a specific CSV format and	Elxon	7 Sept 2021		CPC	AR	AI		I		
CP1549	Amendment of BSCP516 to clarify the criteria for Non-Domestic SVA Metering	Elxon	6 October 2021		PP/CPC	CPC	AR	AI	I		
CP1550	Updates to monitoring of voltage failure alarms requirements	Elxon	6 October 2021		PP/CPC	CPC	AR				
CP1551	Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations	Elxon	6 October 2021		PP/CPC	CPC	AR	AI	I		
CP1552	Reflecting BSCP501 timeframes in BSCP520 processes	Western Power Distribution	3 November 2021			PP/CPC	CPC	AR	AI		
CP1553	Meters and Current Transformers minimum accuracy classes	Elxon	4 Nov 2021			PP/CPC	CPC	AR	AI		

CP	Title	Proposer	Date Raised		Oct	Nov	Dec	Jan	Feb	Mar	Apr
CP1554	Future proofing the measurement transformer standards	Elexon	4 Nov 2021			PP/CPC	CPC	AR	AI		
CP1555	Consumption data for Measurement Classes G and F	Western Power Distribution plc	4 Nov 2021			PP/CPC	CPC	AR	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.

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
CP1548	Remove the constraint, in NETA IDD Part 1 Document, requiring BMRA to publish data files in the specific CSV format	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

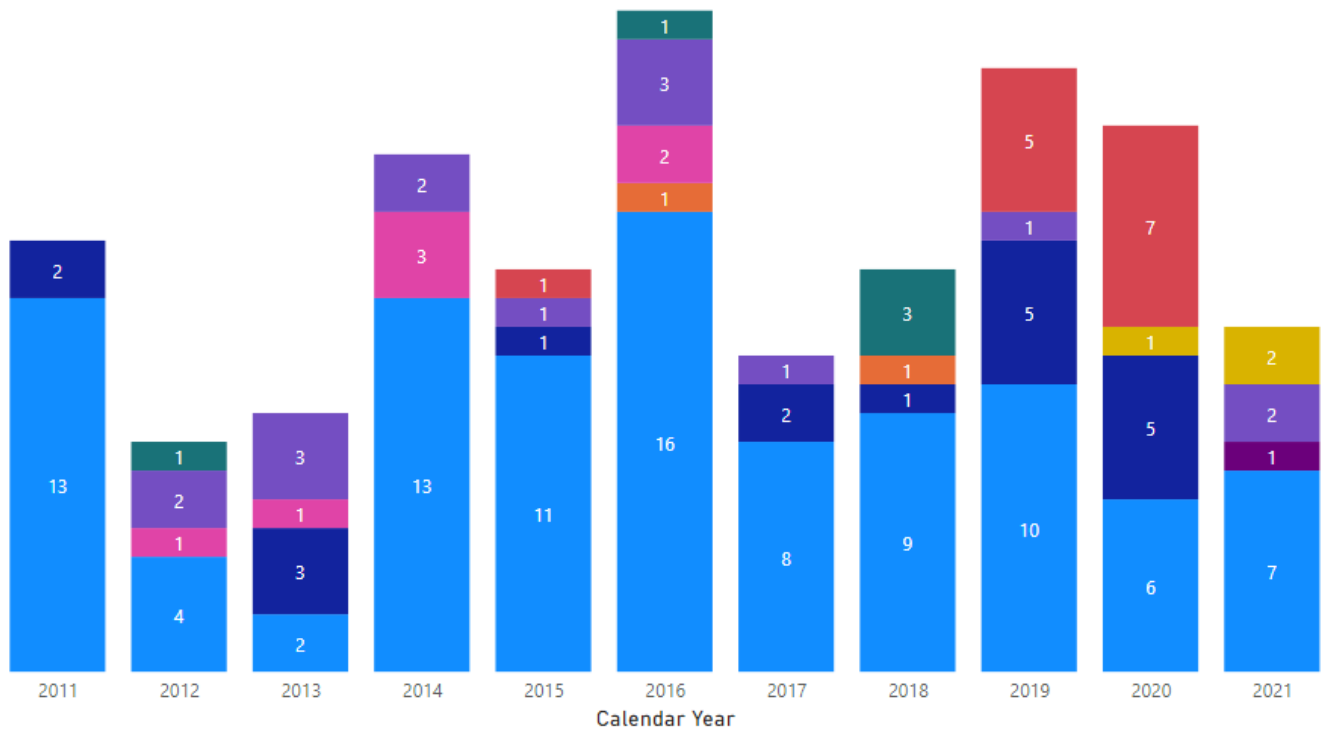
November 2021 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P376	Utilising a baselining methodology as an alternative to Physical Notifications	System	7. Implementation Phase

TBC Release Date				
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	6. Authority Decision / SG Appeal Window	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
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	4. Assessment / Consultation Phase	Jun 22
P428	Correction to P376 Legal text	Document Only	3. Initial Assessment	Feb 23
P429	Switching off participant-reported PARMS Serials	System	5. Report / Panel Decision Phase	Feb 22
P430	Allow Suppliers to use metering behind the site Boundary Point	System	3. Initial Assessment	Feb 24
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
CP1552	Reflecting BSCP501 timeframes in BSCP520 processes	Document Only	4. Assessment / Consultation Phase	Jun 22
CP1553	Tightening the minimum accuracy classes for Meters (CoP5) and CTs (CoPs 3,5 and 10)	Document Only	4. Assessment / Consultation Phase	Jun 22
CP1554	IEC standards in the CoPs are out of date and cumbersome to change.	Document Only	4. Assessment / Consultation Phase	Jun 22
CP1555	Provision of consumption data to Distributors for Measurement Classes G and F	Document Only	4. Assessment / Consultation Phase	Feb 22

VII. Modification Trend Chart

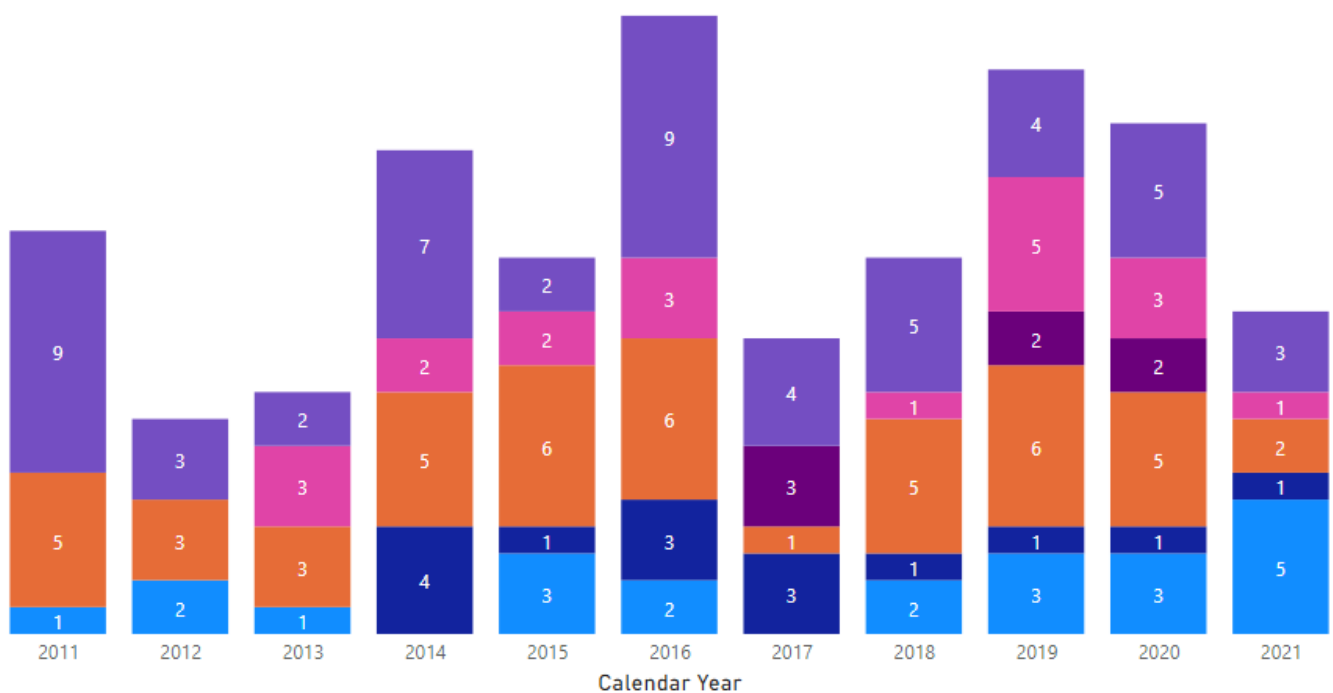
What's driving the raising of Modifications?

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



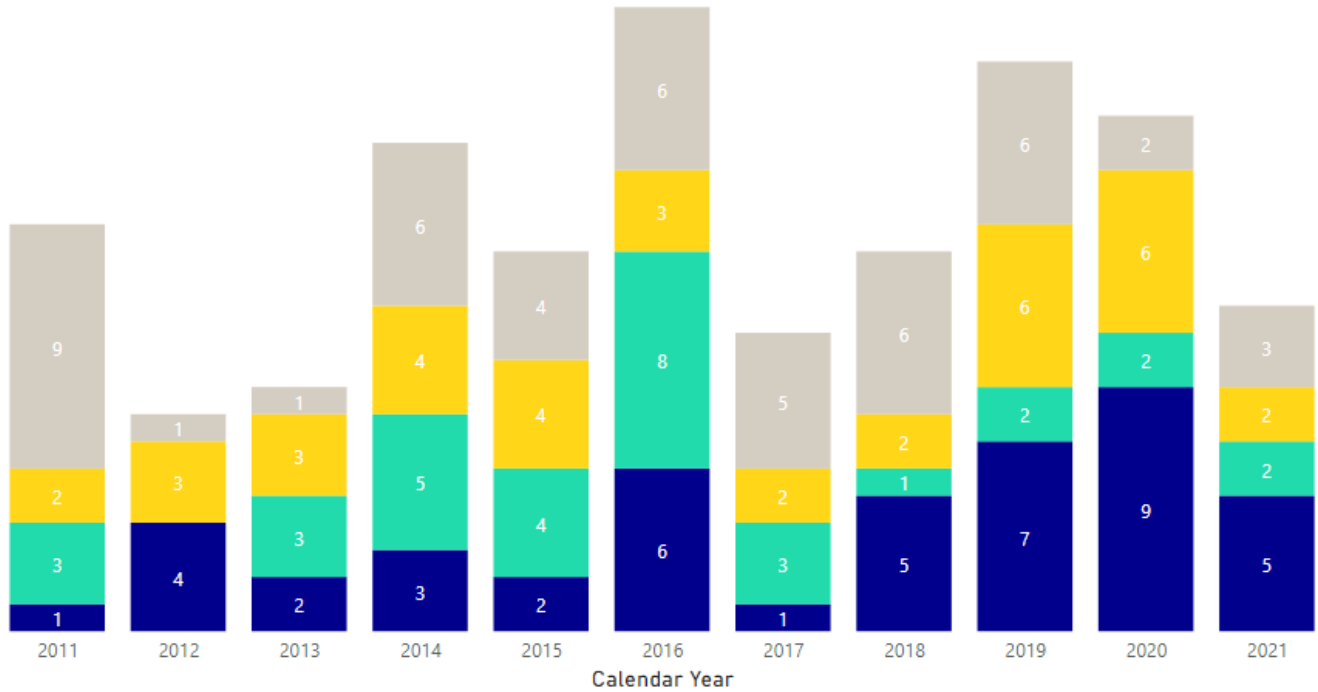
What type of Modifications are being raised?

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



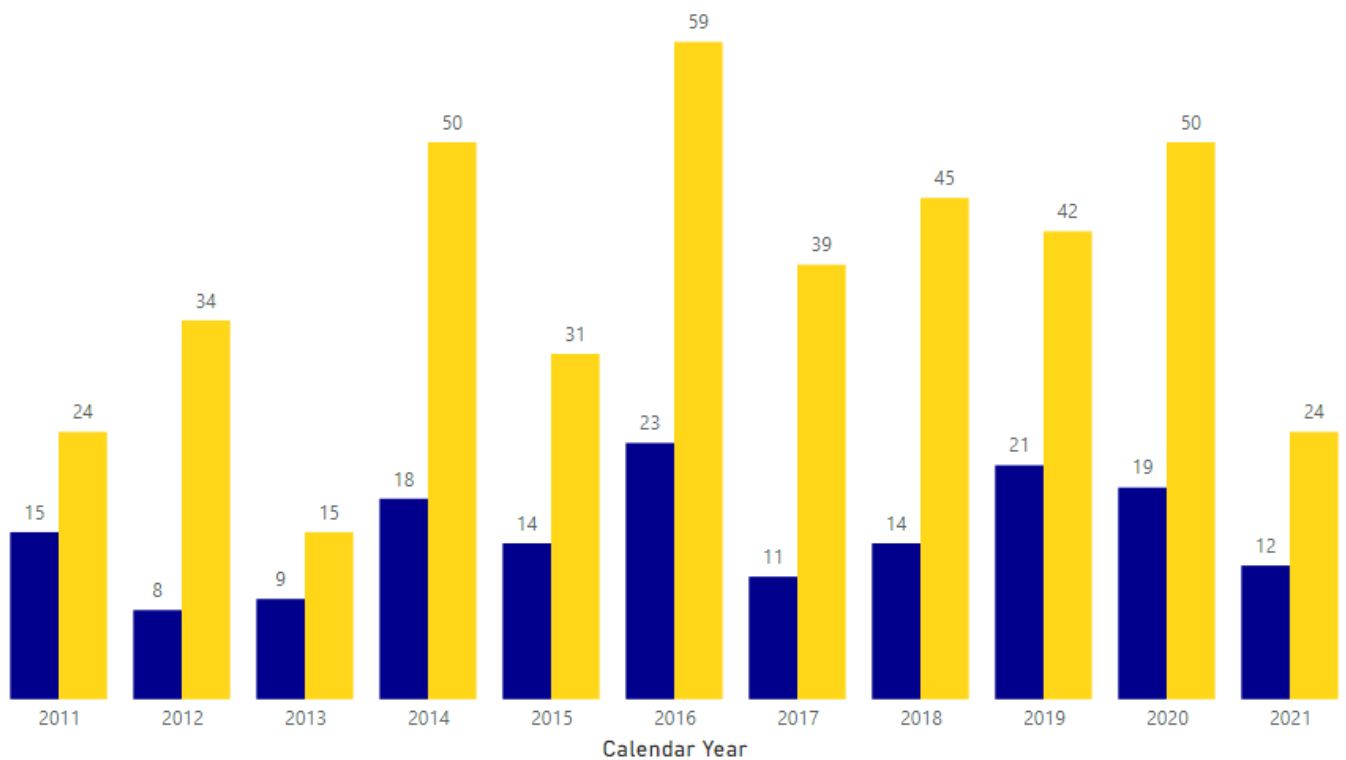
Who is raising Modifications?

Raiser ● BSC Panel ● Incumbents ● National Grid ● Other

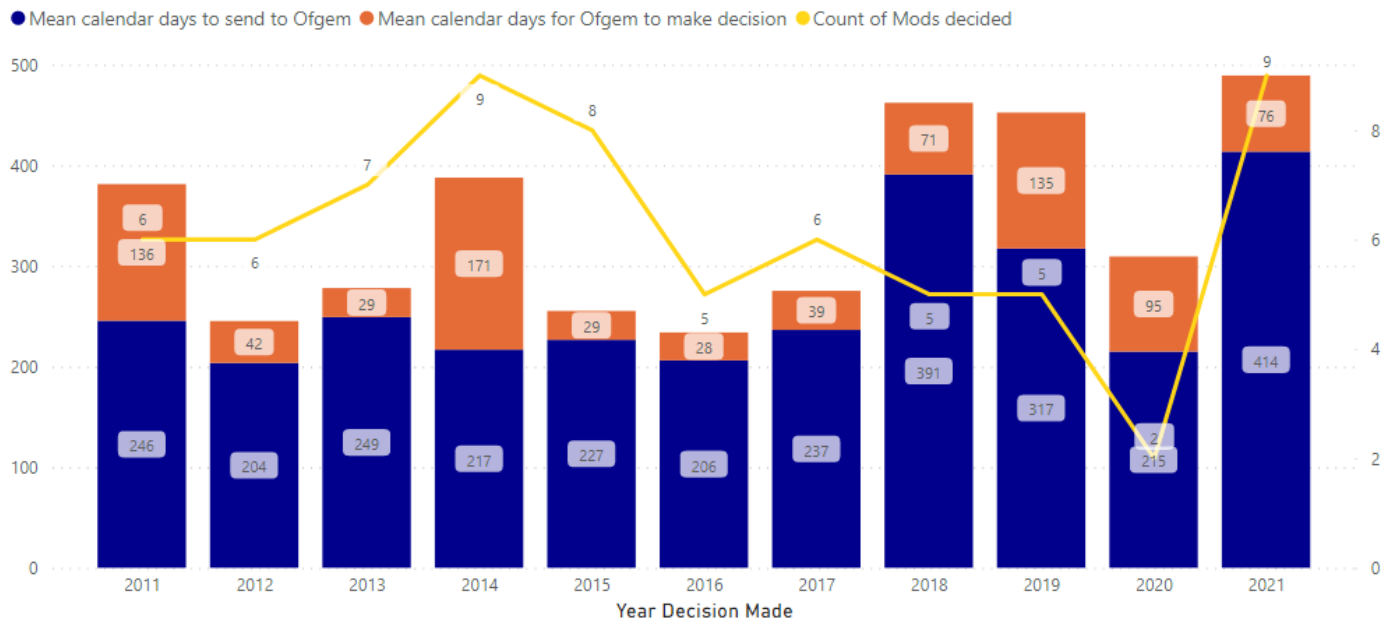


How many Modifications raised and Workgroups held?

● 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



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

VIII: Recommendations

We invite the Panel to:

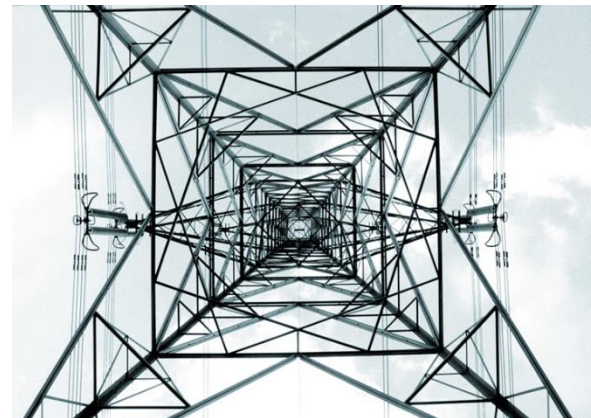
- **NOTE** the contents of the December 2021 Change Report.

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.