

# 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	<b>10 February 2022</b>	Paper number	<b>323/02</b>
Owner/author	<b>Lawrence Jones</b>	Purpose of paper	<b>For Decision</b>
Classification	<b>Public</b>	Document version	<b>V1.0</b>

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 5 January 2022 until 31 January 2022.

### 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: 18
- Change Proposals: 13
- Issues: 5

#### New changes since last month

- None

#### Workgroups

- Three Workgroups held since last month's report: P427 – 19 January, P432 – 24 January, Issue 93 – 17 January
- 13 Workgroups coming up: P395 - 25 February, P415 – 1 February, P415 – 22 February, P426 – late February/early March, P427 – mid February, P430 – March, P432 – W/C 21 February, P433 – 3 February, Issue 93 – mid March, Issue 95 - 16 February, Issue 96 – late February/early March, Issue 97 – 7 March, Issue 98 – 4 February

#### Consultations

- P419 (RC): 19 Jan 22 – 2 Feb

#### Awaiting decision

- Authority: P332, P421, P429

#### Decisions since last month

- Approved: P431, P433, CP1552, CP1553, CP1554
- Withdrawn: P410

#### Awaiting Implementation

- **Feb 22:** P402, CP1548, CP1549, CP1551
- **Jun 22:** P375, P431, P433, CP1527, CP1532, CP1546, CP1550, CP1552, CP1553, CP1554, CP1557
- **Feb 23:** P376, P428

---

## Contents

<u>Contents</u>	1
<u>I. Modification Updates – up until decision</u>	2
<u>II. Change Proposal Updates – up until Decision</u>	15
<u>III. Issue Updates</u>	15
<u>IV. Progression of Modifications – up until implementation</u>	21
<u>V. Progression of Change Proposals – up until implementation</u>	25
<u>VI. BSC Releases Road Map</u>	27
<u>VII. Modification Trend Chart</u>	29
<u>VIII: Recommendations</u>	31
<u>Appendix A</u>	32

---

## I. Modification Updates – up until decision

P332: Revisions to the Supplier Hub Principle			Update
<b>Date Raised:</b>	28 January 2016	<b>Proposer:</b>	Smartest Energy
<b>Target Implementation Date:</b>	5WDs after Authority decision	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	A revised P332 Draft Modification Report including a section to address the points raised in the Ofgem 'send back' letter was presented to the Panel at its January 2022 meeting and submitted to the Authority for decision on 24 January 2022 with a Panel recommendation to approve.		
<b>Next Event:</b>	P332 is with the Authority to determine whether it should be approved.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	<p>For full details visit the <a href="#">P332 webpage</a>.</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.

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.

The Authority wrote to the Panel on 14 December 2021 to 'send back' P332, explaining that they have not been provided with a sufficient level of evidence regarding the costs and benefits of the Proposed Modification.

<b>P395: Excluding generators from BM Unit Gross Demand and the calculation of EMR Supplier Charges</b>		<b>No Update</b>	
<b>Date Raised:</b>	7 November 2019	<b>Proposer:</b>	Centrica
<b>Target Implementation Date:</b>	November 2023	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	<p>Elexon are continuing to draft Legal Text and obtain an 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>		
<b>Next Event:</b>	<p>The next P395 Workgroup will take place on 25 February 2022. Elexon is preparing the Assessment Consultation, which we aim to issue shortly after this meeting where the Workgroup will consider information from the impact assessment, scheduling and legal text for P395. We are aiming to issue this consultation in early 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>		
<b>Issue:</b>	<p>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.</p>		
<b>Current Solution:</b>	<p>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.</p>		
<b>History:</b>	<p>For full details visit <a href="#">P395 webpage</a>.</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</p>		

cost to ensure that the solution is truly enduring, consistent with regulations and scalable to domestic level.

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.

<b>P410: Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations</b>		<b>Update</b>	
<b>Date Raised:</b>	3 July 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	Not expected	<b>Current Status:</b>	Assessment Procedure
<b>Latest update</b>	The P410 Proposer, NGESO, withdrew P410 on 5 January 2022. Following the notice to withdraw, no Party adopted this Modification within the adoption period 5 January 2022 to 13 January 2022. Therefore, this Modification has been withdrawn and closed.		
<b>Next Event:</b>	P410 has been withdrawn and closed.		
<b>Issue:</b>	P410 will introduce changes to the imbalance price calculations to ensure BSC compliance with the European Imbalance Settlement Harmonisation regulations.		
<b>Current Solution:</b>	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.		
<b>History:</b>	<p>For full details visit <a href="#">P410 webpage</a>.</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>		

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.

Workgroup 3 held 17 December – unable to agree suitable solution and requested additional analysis

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.

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.

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.

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.

NGESO requested that P410 be withdrawn from the BSC Change process. NGESO submitted an updated Imbalance Settlement Methodology (ISM) proposal to Ofgem in October 2021, which would provide the ability to maintain the MIP as a component of the Imbalance Price calculation. Ofgem approved the updated proposal on 15 December 2021. Therefore, the defect that P410 sought to address in harmonising with European markets no longer exists, so P410 could be withdrawn.

Ofgem’s decision letter on National Grid ESO’s Imbalance Settlement Methodology can be found on the Ofgem website.

<b>P412: Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy</b>		<b>No Update</b>	
<b>Date Raised:</b>	3 September 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	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 closed on 26 November 2021.		
<b>Next Event:</b>	National Grid ESO will collate the consultation responses and present a conclusion report to Ofgem by the end of March 2022, three months later than ESO planned, to allow ratification of their recommendation as it has links to another ESO project. 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.		

<b>Issue:</b>	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.
<b>Current Solution:</b>	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.
<b>History:</b>	<p>For full details visit the <a href="#">P412 webpage</a>.</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>

<b>P415: Facilitating access to wholesale markets for flexibility</b>		<b>Update</b>	
<b>dispatched by Virtual Lead Parties</b>			
<b>Date Raised:</b>	30 September 2020	<b>Proposer:</b>	Enel X UK Ltd
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The BSC Panel approved a 10 month extension to the assessment timetable for P415 In order to allow for the undertaking of the P415 CBA and completion of the Assessment Procedure. Elexon have continued to support the CBA Service Provider, enabling discussions with the ENA to clarify network impacts and information needed to feed into the CBA.		
<b>Next Event:</b>	The 9th P415 Workgroup will take place on 22 February, where CEPA will present and verify the CBA methodology and assumptions with the Workgroup members. We expect the Workgroup to provide their initial views on P415 at this meeting.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	This Modification seeks to allow Virtual Lead Parties to obtain value from flexibility within the Wholesale Energy Market.		

<b>History:</b>	<p>For full details visit <a href="#">P415 webpage</a>.</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> <p>Workgroup 8 - held on 10 December 2021, where the Workgroup noted updates related to the P415 CBA outcome and determined the method for separating wholesale market and balancing market volumes</p>
-----------------	---

<b><u>P419: Enhanced Reporting of Demand Data to the NETSO to facilitate BSUoS Reform</u></b>		<b>Update</b>	
<b>Date Raised:</b>	6 May 2021	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	23 February 2023	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The P419 Assessment Report was presented to the Panel at its meeting on 13 January 2022. The Panel initially recommend P419 is approved. The Report Phase Consultation (RPC) was sent out on 19 January 2022 with responses invited by 2 February 2022.		
<b>Next Event:</b>	The Draft Modification Report will be presented to the Panel on 10 February 2022 for its final views before P419 is submitted to Ofgem for decision.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		

<b>History:</b>	<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> <p>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 initially recommended P419 is approved.</p> <p>The Assessment Procedure Consultation closed on 6 December with one response received. No new arguments were put forward. This was considered at the Workgroup's fourth and final meeting on 17 December 2021. The Workgroup unanimously recommend to the Panel that P419 is approved.</p>
-----------------	---

<b>P421: Align the BSC with Grid Code Modification GC0144 for TERRE Market Suspension</b>		<b>Update</b>	
<b>Date Raised:</b>	1 July 2021	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	24 February 2022	<b>Current Status:</b>	Awaiting Authority Decision
<b>Latest Update:</b>	The P421 Implementation Date has been amended, following approval by Ofgem. The revised implementation approach will see P421 implemented 5 Working Days after Ofgem approval, if they are unable to make a decision by 3 February 2022. If an Ofgem decision is made by 3 February 2022, P421 will be implemented in the Standard February 2022 Releases on 24 February. The revised approach was recommend by the Panel and consulted with industry, with no responses received.		
<b>Next Event:</b>	Ofgem to determine whether to approve or reject P421.		
<b>Issue:</b>	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).		
<b>Current Solution:</b>	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.		
<b>History:</b>	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		

	<p>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> <p>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 remaining Implementation Date was the Standard February 2022 Release, as the deadline for an Authority decision for the November 2021 release has now passed.</p> <p>At the Panel meeting on 9 December 21 Ofgem indicated that they could not commit to reaching a decision on P421 prior to the Modification timing out on the 3 February 2022. The Panel agreed to consult on whether to change the previously agreed Implementation Date to avoid the Modification timing out. Consultation responses will be collated and published prior to Ofgem making a determination on whether to change the Implementation Date.</p>
--	--

<b>P425: Amendment to the definition of Shared SVA Meter Arrangement</b>		<b>Update</b>	
<b>Date Raised:</b>	6 October 2021	<b>Proposer:</b>	E.ON Energy Solutions Limited
<b>Target Implementation Date:</b>	5WD following Authority decision	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	Following the amendments discussed in the first Workgroup, the legal text has been prepared and is being reviewed internally before being shared with the Workgroup for review. This has taken longer than anticipated due to competing priorities, compounded by the Christmas period.		
<b>Next Event:</b>	The Assessment Consultation is now due to be issued in March 2022, two months later than planned.		
<b>Extension Request:</b>	We therefore request a three month extension, returning with the P425 Assessment Report by the June 2022 Panel meeting, or sooner if possible. A two-month extension is sufficient, but would require the Assessment Report to be submitted as a late paper to the Panel in May 2022 and makes no allowances to address material comments from the Assessment Consultation. We therefore believe a three-month extension is more realistic.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	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.		

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

<b>P426: Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation</b>		<b>Update</b>	
<b>Date Raised:</b>	11 October 2021	<b>Proposer:</b>	Drax Energy Solutions Limited
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	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.		
<b>Next Event:</b>	The first Workgroup meeting was initially delayed due to quoracy issues and ensuring that a range of impacted Parties were represented. We now have enough members and the first meeting will be scheduled for late February/early March, three months later than planned. Consequently, we anticipate we will need to request an extension to the P426 Assessment Procedure in due course.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	Drax Energy Solutions Limited raised P426 on 11 October 2021.		

<b>P427: Publication of Performance Assurance Parties' impact on Settlement Risk</b>		<b>Update</b>	
<b>Date Raised:</b>	14 October 2021	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	3 November 2022	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The first Workgroup meeting was held on 19 January where the group discussed what data should be published regarding PAP performance and what requirements there would be to publish the data.		
<b>Next Event:</b>	The first Workgroup meeting was initially delayed two months due to quoracy issues. Consequently, we anticipate we will need to request an extension to the P427 Assessment Procedure in due course. The second Workgroup meeting will be held mid-February 2022.		
<b>Issue:</b>	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.		

<b>Current Solution:</b>	<p>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.</p> <p>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.</p>
<b>History:</b>	<p>The BSC Panel raised P427 following its meeting on 14 October 2021.</p> <p>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.</p>

<b>P429: Switching off Participant-Reported PARMS Serials</b>		<b>No Update</b>	
<b>Date Raised:</b>	11 November 2021	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	24 February 2022	<b>Current Status:</b>	Awaiting Authority Decision
<b>Latest Update:</b>	The Draft Modification Report was presented to the BSC Panel at its meeting on 9 December 2021, which unanimously recommended its approval. The Final Modification Report was submitted to Ofgem for decision on 14 December 2021.		
<b>Next Event:</b>	The Authority will determine whether to approve or reject P429.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	<p>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.</p> <p>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.</p>		

<b>P430: Allow Suppliers to use metering behind the site Boundary Point</b>		<b>Update</b>	
<b>Date Raised:</b>	19 November	<b>Proposer:</b>	Ecotricity
<b>Target Implementation Date:</b>	Post 2024	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The Initial Written Assessment was presented to the BSC Panel at its meeting on 9 December 2021, where it was progressed to the Assessment Procedure. The first meeting, scheduled for 3 February 2022, has been postponed due to unforeseen circumstances.		
<b>Next Event:</b>	The first P430 Workgroup meeting will take place in March 2022.		
<b>Issue:</b>	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.
<b>Current Solution:</b>	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.
<b>History:</b>	P430 was raised by Ecotricity on 19 November 2021.

<b>P431: Post Brexit Agreement Updates</b>		<b>Update</b>	
<b>Date Raised:</b>	24 November 2021	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Report Phase Consultation
<b>Latest Update:</b>	The Draft Modification Report was presented to the Panel at its meeting on 13 January 2022 where the Panel unanimously approved P431. The Self-Governance Objection Window closes on 2 February 2022.		
<b>Next Event:</b>	P431 will be implemented on 30 June 2022, as part of the Standard June 2022 Release, subject to the Self-Governance appeal window.		
<b>Issue:</b>	As a result of the UK leaving the European Union (EU), Great Britain (GB) is no longer part of the Internal Energy Market and updates are required to the BSC to ensure that legal text appropriately reflects these changes.		
<b>Current Solution:</b>	The P431 solution seeks to update the BSC in light of the UK leaving the Internal Energy Market.		
<b>History:</b>	P431 was raised by NGESO on 24 November 2021.  The IWA was presented to the Panel at its meeting on 9 December 2021 where they agreed to send P431 for a 15 Working Day Report Phase Consultation with responses invited by 5 January 2022, with an initial recommendation to approve.		

<b>P432: Half Hourly Settlement for CT Advanced Metering Systems</b>		<b>Update</b>	
<b>Date Raised:</b>	2 December 2021	<b>Proposer:</b>	Npower Commercial Gas Limited
<b>Target Implementation Date:</b>	+5 Working Days after Authority Decision	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The first Workgroup meeting for P432 was held on 24 January 2022. Elexon presented the background, issue and proposed solution for P432. The Workgroup considered the ToR and the next steps.		
<b>Next Event:</b>	The second P432 Workgroup meeting will take place on W/C 21 February 2022 to finalise the solution and gather initial Workgroup views.		
<b>Issue:</b>	Market-wide Half-Hourly Settlement (MHHS) requires that all Metering System Identifiers (MSIDs) are settled on a Half Hourly (HH) basis. The Code Change and Development Group (CCDG) has recommended moving CT Advanced Meters to settle HH by October 2023. If this recommendation is not implemented the risk that there will be insufficient time for Customers, Suppliers and their Agents to address issues that may arise will be increased, especially against the backdrop of the larger MHHS migration activities that will be needed for smart Meters.		
<b>Current Solution:</b>	This Modification seeks to align the BSC definition of an Advanced Meter with that in the Standard License Conditions (SLC) and to set explicit HH Settlement obligations for CT Advanced Meters ahead of the migration to MHHS. Existing CT Advanced Meters settling NHH are expected to migrate using the Change of Measurement Class (CoMC) process to settle HH by October 2023 and all new connections for CT Advanced Meters will be expected to settle HH from October 2022.		

<b>History:</b>	<p>P432 was raised by Npower Commercial Gas Limited on 2 December 2021.</p> <p>The Initial Written Assessment was presented to the BSC Panel at its meeting on 9 December 2021, where it was progressed to the Assessment Procedure.</p>
-----------------	--

<b>P433: Updating the P375 legal text to align with the post-P420 BSC Baseline</b>		<b>Update</b>	
<b>Date Raised:</b>	9 December 2021	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Report Phase Consultation
<b>Latest Update:</b>	The Panel agreed to implement P433 at its meeting on 13 January 2022 under Self-Governance. The Self-Governance Objection Window closes on Wednesday 2 February 2022.		
<b>Next Event:</b>	P433 will be implemented on 30 June 2022, as part of the Standard June 2022 Release, subject to the Self-Governance appeal window.		
<b>Issue:</b>	P420 'Retail Code Consolidation Significant Code Review' was implemented on 1 September 2021, amending the Balancing and Settlement Code (BSC) to align it with the Retail Energy Code (REC) version 2.0 as part of Ofgem's Faster Switching Significant Code Review. The legal text for P375 'Settlement of Secondary BM Units using metering behind the site Boundary Point', was approved by BSC Panel at its meeting in October 2020 (307/06), well before the full P420 solution had been developed. The P420 legal text impacts the P375 approved legal text. Consequently, the P375 legal text cannot be implemented on 30 June 2022 due to conflicts with amendments introduced by P420.		
<b>Current Solution:</b>	P433 would resolve the legal text conflicts by re-baselining the approved P375 changes on the post-P420 versions of the BSC. This Modification should, if approved, amend a small amount of the legal text approved under P375 without changing its intent to allow the effective implementation of P375 on 30 June 2022.		
<b>History:</b>	P433 was raised by the BSC Panel at its meeting on 9 December 2021, where it was progressed Straight to the Report Phase as a Self-Governance Modification, with an initial recommendation to approve. The Report Phase Consultation was circulated 13 December 2021, with responses welcomed by 5 January. No responses were received.		

## II. Change Proposal Updates – up until Decision

<b>CP1552: Reflecting BSCP501 timeframes in BSCP520 processes</b>		<b>Update</b>	
<b>Date Raised:</b>	3 November 2021	<b>Proposer:</b>	Western Power Distribution plc
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Awaiting Implementation
<b>Latest Update:</b>	CP1552 was approved by majority by the SVG at its meeting on 11 January 2022.		
<b>Next Event:</b>	CP1552 will be implemented on 30 June 2022 as part of the standard June 2022 BSC release.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	For full details visit the <a href="#">CP1552 webpage</a> . The Progression Paper was presented to the SVG on 2 November 2021. CP1552 was sent out for industry consultation on 8 November 2021, and closed on 3 December 2021.		

<b>CP1553: Tightening the requirements for the minimum accuracy classes for Meters and Current Transformers in the CoPs</b>		<b>Update</b>	
<b>Date Raised:</b>	3 November 2021	<b>Proposer:</b>	Elexon
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Awaiting implementation
<b>Latest Update:</b>	CP1553 was approved unanimously by the ISG and SVG at their meetings on 11 January 2022.		
<b>Next Event:</b>	CP1553 will be implemented on 30 June 2022 as part of the standard June 2022 BSC release.		
<b>Issue:</b>	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.  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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	For full details visit the <a href="#">CP1553 webpage</a> .		

The Progression Paper was presented to the SVG on 2 November 2021.

CP1553 was sent out for industry consultation on 8 November 2021, and closed on 3 December 2021.

<b>CP1554: Future proofing the measurement transformer standards</b>		<b>Update</b>	
<b>Date Raised:</b>	3 November 2021	<b>Proposer:</b>	Elexon
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Awaiting Implementation
<b>Latest Update:</b>	CP1554 was approved by majority by the ISG and SVG at their meetings on 11 January 2022.		
<b>Next Event:</b>	CP1554 will be implemented on 30 June 2022 as part of the standard June 2022 BSC release.		
<b>Issue:</b>	<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>		
<b>Current Solution:</b>	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.		
<b>History:</b>	<p>For full details visit the <a href="#">CP1554 webpage</a>.</p> <p>The Progression Paper was presented to the SVG on 2 November 2021.</p> <p>CP1554 was sent out for industry consultation on 8 November 2021, and closed on 3 December 2021.</p>		

<b>CP1555: Provision of consumption data to Distributors for Measurement Classes G and F</b>		<b>Update</b>	
<b>Date Raised:</b>	4 November 2021	<b>Proposer:</b>	Western Power Distribution plc
<b>Target Implementation Date:</b>	23 February 2023	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	CP1555 was sent out for industry consultation on 8 November 2021, with responses invited by 3 December 2021. We received 11 responses, six in support of the CP and five against.		
<b>Next Event:</b>	CP1555 Assessment report will be presented to SVG on 1 February 2022 for decision.		
<b>Issue:</b>	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.		

	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.
<b>Current Solution:</b>	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.
<b>History:</b>	For full details visit the <a href="#">CP1555 webpage</a> .  The Progression Paper was presented to the SVG on 2 November 2021.

<b>CP1556: Adding P-flows and a testing process to the BSCP70 and Communication Requirements Document</b>		<b>Update</b>	
<b>Date Raised:</b>	7 December 2021	<b>Proposer:</b>	Elexon
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Within Consultation
<b>Latest Update:</b>	The Consultation for CP1556 concluded on Friday 14 January. There were no responses from the Industry.		
<b>Next Event:</b>	CP1556 Assessment report will be presented to the ISG and SVG on 1 February 2022 for decision.		
<b>Issue:</b>	<p>The Balancing and Settlement Code Procedure (BSCP) that details the arrangements for Central Volume Allocation (CVA) Qualification Testing, requesting and obtaining the right for Qualification Testing, and Reporting Qualification status is BSCP70 'CVA Qualification Testing for Parties and Party Agents'.</p> <p>Balancing and Settlement Code (BSC) Parties and Party Agents use a Qualification Testing Service (QTS) to complete CVA Qualification Testing. Virtual Lead Parties (VLPs) are one of the parties that use the QTS. However, there is no documented process for VLPs requesting to book in for testing of P-flows. Further, the scope of P-flows, which need to be tested by VLPs, is not currently defined in the BSCP70 and CRD documents.</p>		
<b>Current Solution:</b>	CP1556 proposes to update BSCP70 and the Communication Requirements Document (CRD) to include a test request process and all P-flows which are to be tested by VLPs and AMVLPs.		
<b>History:</b>	For full details visit the <a href="#">CP1556 webpage</a> .  The Progression Paper was presented to the ISG and SVG on 7 December 2021.		

### III. Issue Updates

<b>Issue 93: Review of the BSC metering Codes of Practice</b>		<b>Update</b>	
<b>Date Raised:</b>	15 January 2021	<b>Proposer:</b>	Association of Meter Operators
<b>Latest Update:</b>	<p>The sixth Workgroup meeting was held on Monday 17 January, where the Issue group decided, on recommendation from us, to progress two new Change Proposals.</p> <p>We also received the Workgroup's confirmation to re-issue the RFI which will seek views from domestic MOAs on the impact of "end dating" Codes of Practice 6 to 9.</p> <p>A six month extension to the Issue 93 review timeline was approved by the ISG and SVG at their respective meetings on 11 January 2022.</p>		
<b>Next Event:</b>	<p>Elxon will work to progress two new CPs.</p> <p>The seventh Workgroup meeting will be held in March 2022 where we will provide an update on the progress of the two new CPs.</p>		
<b>Issue:</b>	<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>		

<b>Issue 95: Assessing the continued use of TIBCO service as a source of data for market participants</b>		<b>No Update</b>	
<b>Date Raised:</b>	17 June 2021	<b>Proposer:</b>	Elxon
<b>Latest Update:</b>	<p>The low number of members has meant it has proved difficult to commit firmly to a time that enough members are able to support so that the meeting is quorate. The BSC Panel agreed to reduce quoracy requirements for Issue 95 to help with this aspect, and the first meeting has been confirmed to take place on 16 February 2022.</p>		
<b>Next Event:</b>	<p>The first Issue 95 meeting will take place on 16 February, where Elxon will provide a background introduction to the Issue and take the group through a series of questions to clarify the next steps for the TIBCO service.</p>		
<b>Issue:</b>	<p>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.</p>		

<b>Issue 96: Assessing the reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply</b>		<b>No Update</b>	
<b>Date Raised:</b>	6 August 2021	<b>Proposer:</b>	Euston Energy Limited
<b>Latest Update:</b>	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 Elexon.		
<b>Next Event:</b>	The second Workgroup meeting was delayed and is now due to be held in late February or early March to discuss the proposed solutions.		
<b>Issue:</b>	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.		

<b>Issue 97: Impact of CT Meter stock shortage on the BSC due to global shortage of semiconductors following COVID-19</b>		<b>No Update</b>	
<b>Date Raised:</b>	20 August 2021	<b>Proposer:</b>	Elexon
<b>Latest Update:</b>	The second Workgroup was held on 15 November 2021 where the RFI regarding meter shortage data and forecasting was discussed. In January an 18 month dispensation for CP1527 was progressed as well as a CoP4 recalibration dispensation for CoP3 and CoP5. Additionally the group agreed that Elexon send a letter to Panel and BEIS informing them of the issue. This letter was sent in December 2021.		
<b>Next Event:</b>	A further RFI will be sent out to industry for data in February. The third Issue 97 Workgroup will be held on 7 March 2022.		
<b>Issue:</b>	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.		

<b>Issue 98: Review of the current practice of setting Dynamic Parameters within the Balancing Mechanism</b>		<b>No Update</b>	
<b>Date Raised:</b>	13 October 2021	<b>Proposer:</b>	Energy UK
<b>Latest Update:</b>	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 NGENSO 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.		
<b>Next Event:</b>	The second Workgroup meeting will be held on 4 February 2022.		
<b>Issue:</b>	<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

<b>Key</b>	<b>Initial Written Assessment:</b>	<b>Assessment Procedure:</b> AR: Assessment Report APC: Assessment Procedure Consultation	<b>Report Phase:</b> RPC: Report Phase Consultation DMR: Draft Modification Report FMR: Final Modification Report	<b>WA:</b> With Authority Awaiting Decision	<b>AI:</b> Awaiting Implementation	<b>I:</b> Implementation	<b>CBA:</b> Cost/Benefit Analysis
------------	------------------------------------	---	--	---	------------------------------------	--------------------------	-----------------------------------

Mod	Title	Proposer	Date Raised	Urgent	Dec	Jan	Feb	Mar	Apr	May	Jun
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 2016	No	WA	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	Dec	Jan	Feb	Mar	Apr	May	Jun
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No						AR	DMR/F MR
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 Jul 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 Sep 2020	No							
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	Enel X	30 Sep 2020	No							

Mod	Title	Proposer	Date Raised	Urgent	Dec	Jan	Feb	Mar	Apr	May	Jun
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		AI	I				
P425	Amendment to the definition of Shared SVA Meter Arrangement	E.ON Energy Solutions Limited	6 Oct 2021	No			APC	AR/ RPC	RPC/ DMR/ FMR	WA	
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation	Drax Energy Solutions Limited	11 Oct 2021	No				APC	AR	RPC	
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	BSC Panel	14 Oct 2021	No			APC				AR
P428	Correction to P376 Legal Text	BSC Panel	11 Nov 2021	No	DMR/ FMR	AI					
P429	Switching off Participant-Reported PARMS Serials	BSC Panel	11 Nov 2021	No	DMR/ FMR	WA	I				

Mod	Title	Proposer	Date Raised	Urgent	Dec	Jan	Feb	Mar	Apr	May	Jun
P430	Allow Suppliers to use metering behind the site Boundary Point	Ecotricity	19 Nov 2021	No							
P431	Post Brexit Agreement Updates	NGESO	24 Nov 2021	No	IWA/ RPC		AI				I
P432	Half Hourly Settlement for CT Advanced Metering Systems	Npower Commercial Gas Limited	2 Dec 2021	No	IWA			APC	AR	RPC	DMR/ FMR
P433	Updating the P375 legal text to align with the post-P420 BSC Baseline	BSC Panel	9 Dec 2021	No	IWA/ RPC	DMR/ FMR	AI				I

## V. Progression of Change Proposals – up until implementation

<b>Key</b>	<b>Assessment Procedure:</b> PP: Progression Paper	<b>CPC:</b> Change Proposal Circular Consultation	<b>Committee Decision:</b> AR: Assessment Report FR: Final CP Report	<b>AI:</b> Awaiting Implementation	<b>I:</b> Implementation
------------	---	---	--	------------------------------------	--------------------------

CP	Title	Proposer	Date Raised	Dec	Jan	Feb	Mar	Apr	May	Jun
CP1527	Increase the minimum data storage capacity for Settlement Outstations and mandate specific selectable integration periods for Metering Codes of Practice	Elexon	27 Jan 2020							I
CP1532	Reduce Half Hourly Change of Supplier timelines to meet the Initial Settlement Run	Elexon	8 Jul 2020							I
CP1546	Introducing Data Transfer Catalogue (DTC) flows to transfer UMS Summary Inventories and Control files	Elexon	8 Jul 2021							I
CP1548	Remove constraint requiring BMRS to publish data files in a specific CSV format and structure	Elexon	7 Sep 2021	AI		I				

CP	Title	Proposer	Date Raised	Dec	Jan	Feb	Mar	Apr	May	Jun
CP1549	Amendment of BSCP516 to clarify the criteria for Non-Domestic SVA Metering	Elexon	6 Oct 2021	AR	AI	I				
CP1550	Updates to monitoring of voltage failure alarms requirements	Elexon	6 Oct 2021	AR						I
CP1551	Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations	Elexon	6 Oct 2021	AR	AI	I				
CP1552	Reflecting BSCP501 timeframes in BSCP520 processes	Western Power Distribution	3 Nov 2021	CPC	AR	AI				I
CP1553	Meters and Current Transformers minimum accuracy classes	Elexon	4 Nov 2021	CPC	AR	AI				I
CP1554	Future proofing the measurement transformer standards	Elexon	4 Nov 2021	CPC	AR	AI				I
CP1555	Consumption data for Measurement Classes G and F	Western Power Distribution	4 Nov 2021	CPC	AR					
CP1556	Adding P-flows and a testing process to the BSCP70 and Communication Requirements	Elexon	7 Dec 2021	PP/CPC	CPC	AR	AI			I
CP1557	Housekeeping change to update CP1532 solution	Elexon	7 Dec 2021		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.

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
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
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	7. Implementation Phase
CP1551	Updates for the Measuring Instruments Regulations	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
P431	Post-Brexit Agreement	Document Only	7. Implementation Phase
P433	Updating the P375 legal text to align with the post-P420 BSC Baseline	Document Only	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
CP1532	Review Appointment of Agent Timelines	Document Only	7. Implementation Phase
CP1546	UMS Summary Inventory and Control File Data Flow	Document Only	7. Implementation Phase
CP1550	Monitoring of Voltage failure alarms	Document Only	7. Implementation Phase
CP1552	Reflecting BSCP501 timeframes in BSCP520 processes	Document Only	7. Implementation Phase
CP1553	Tightening the minimum accuracy classes for Meters (CoP5) and CTs (CoPs 3,5 and 10)	Document Only	7. Implementation Phase
CP1554	IEC standards in the CoPs are out of date and cumbersome to change.	Document Only	7. Implementation Phase
CP1557	Housekeeping Change to CP1532 Solution	Document Only	7. Implementation Phase

February 2023 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
P428	Correction to P376 Legal Text	Document Only	7. Implementation Phase

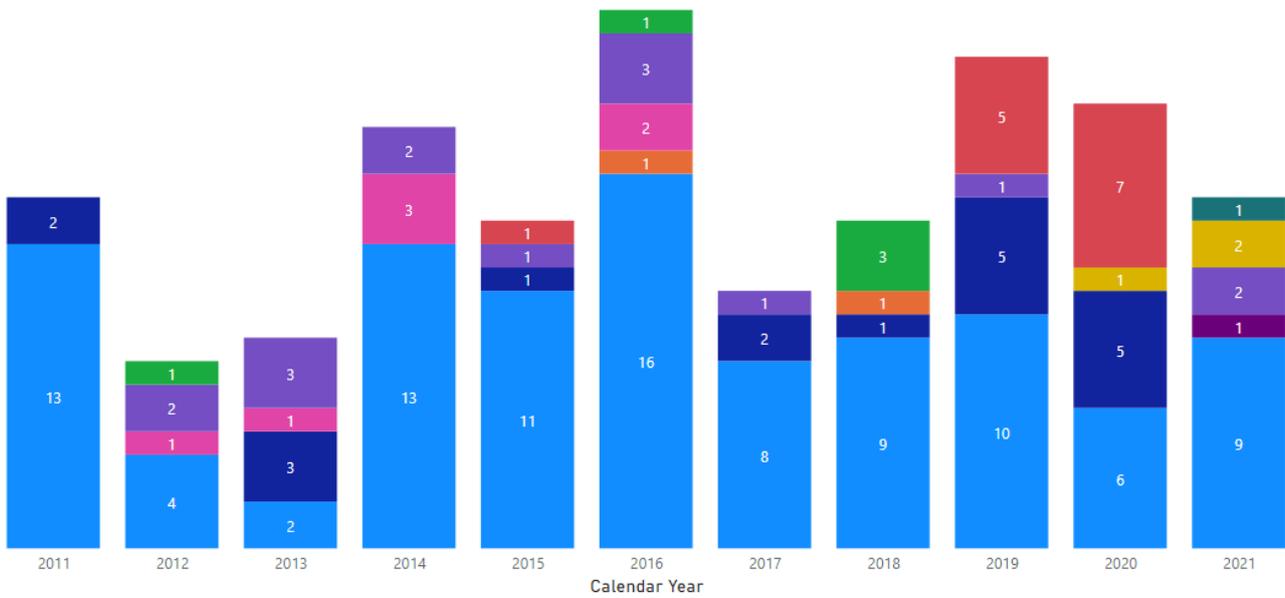
Ad Hoc Releases				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Implementation Date
P332	Revisions to the Supplier Hub Principle	Document Only	6. Authority Decision / SG Appeal Window	5 WDs after Authority decision

TBC Release Date				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Target Implementation Date
P395	Final Consumption Levies (FCLs)	System	4. Assessment / Consultation Phase	Nov 23
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	5. Report / Panel Decision 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	Nov 23
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	Document Only	4. Assessment / Consultation Phase	Jun 22
P429	Switching off participant-reported PARMS Serials	System	6. Authority Decision / SG Appeal Window	Feb 22
P430	Allow Suppliers to use metering behind the site Boundary Point	System	4. Assessment / Consultation Phase	TBC
P432	Half Hourly Settlement for CT Advanced Meters	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
CP1556	Adding P-flows to the BSCP70 'CVA Qualification Testing for Parties and Party Agents' and Communication Requirements Document.	Document Only	4. Assessment / Consultation Phase	Jun 22

## VII. Modification Trend Chart

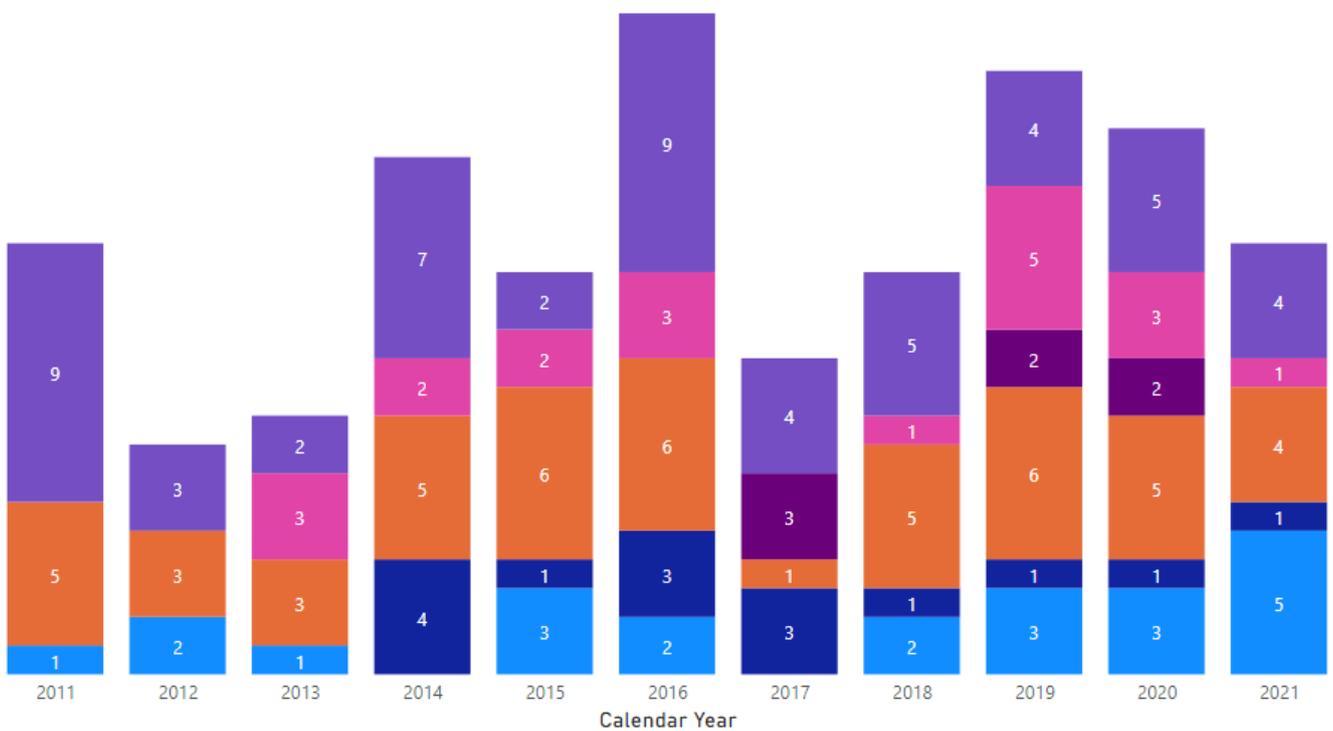
What's driving the raising of Modifications?

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



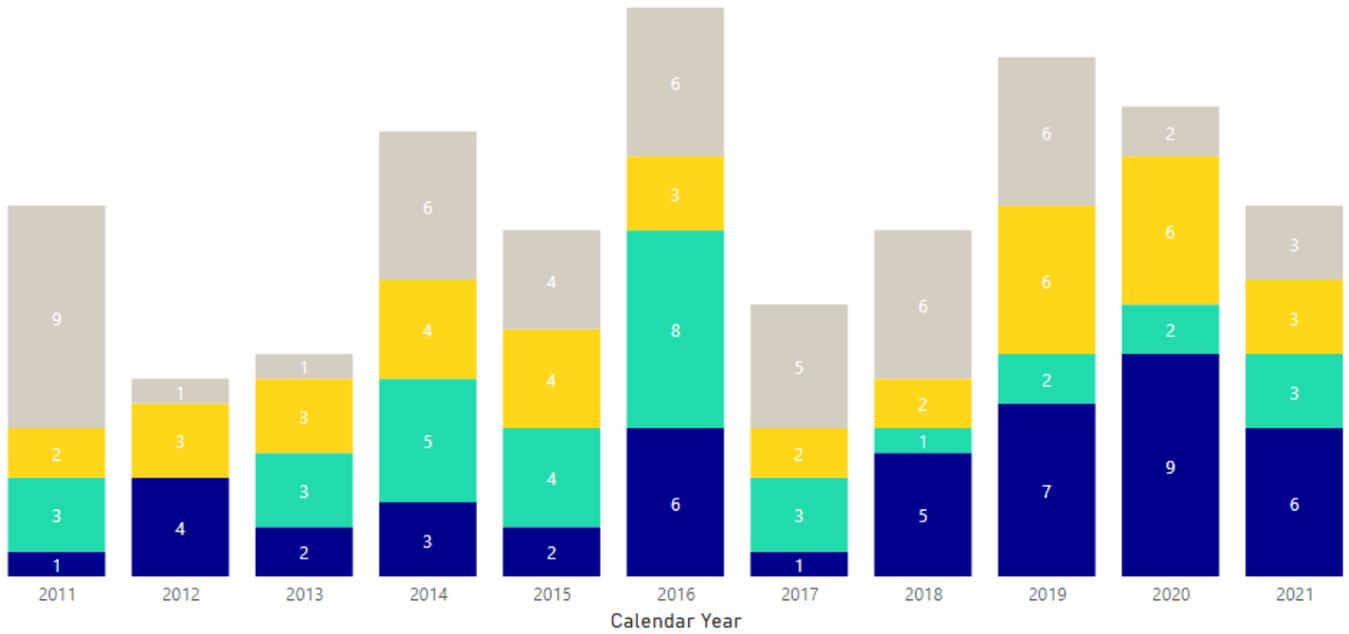
What type of Modifications are being raised?

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



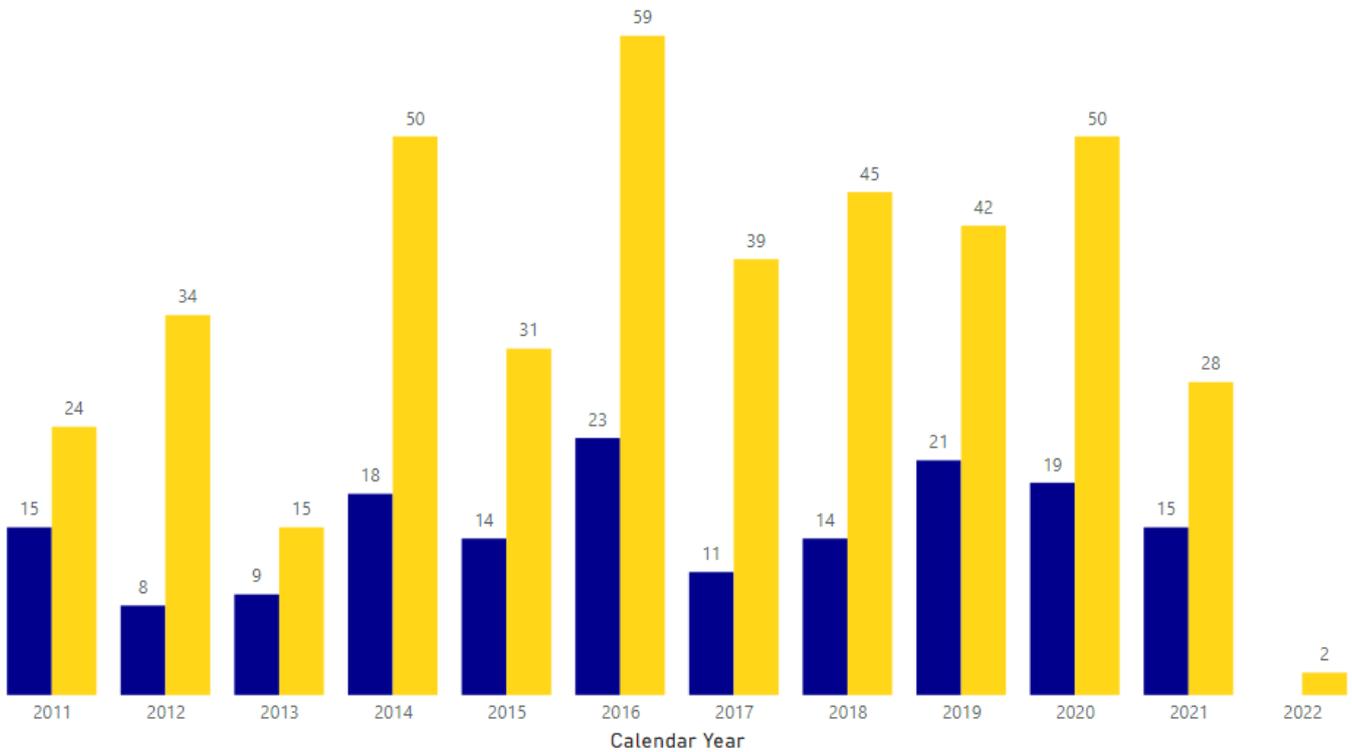
## Who is raising Modifications?

Raiser ● BSC Panel ● Incumbents ● National Grid ● Other

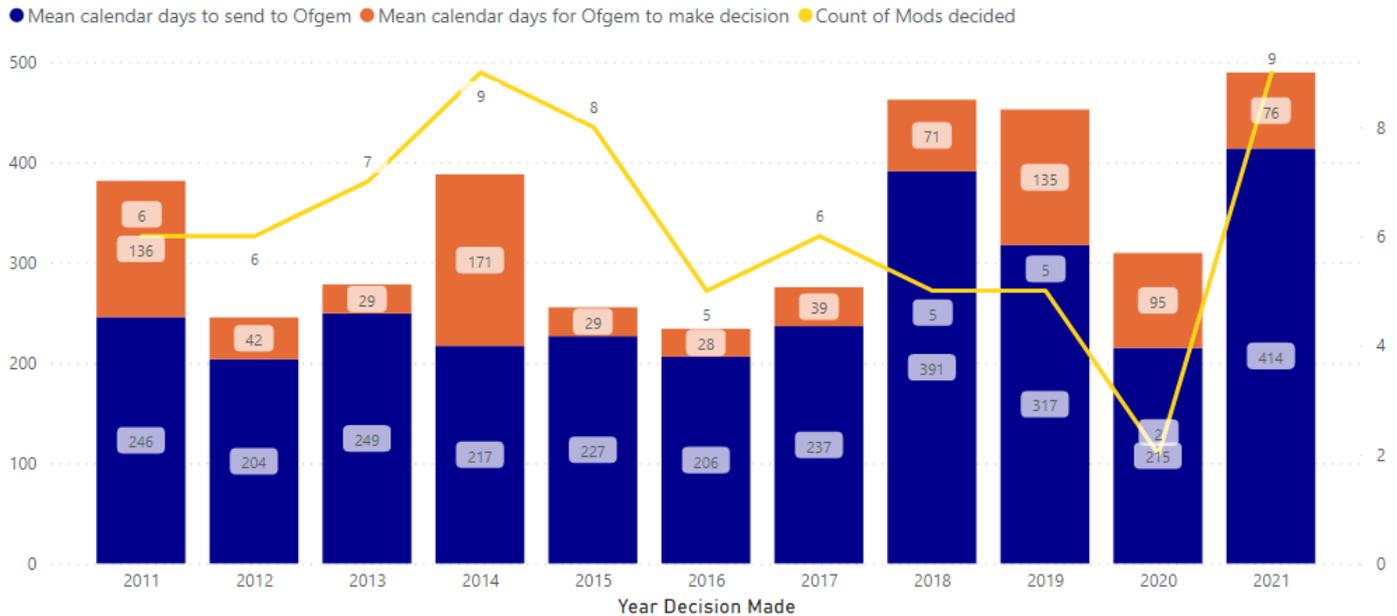


## How many Modifications raised and Workgroups held?

● 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:

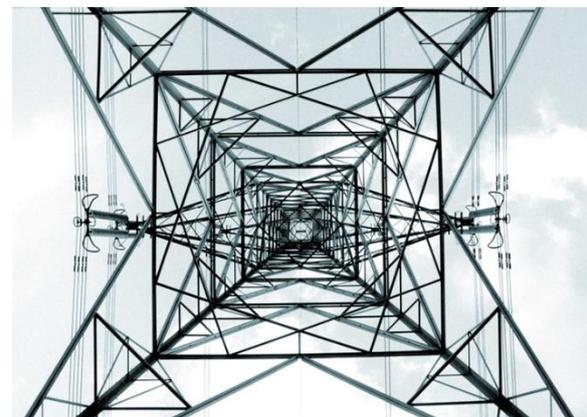
- **APPROVE** a three-month extension to the P425 Assessment Procedure; and
- **NOTE** the contents of the February 2022 Change Report.

### For more information, please contact:

Lawrence Jones, Head of Rules Management

[bsc.change@elexon.co.uk](mailto:bsc.change@elexon.co.uk)

020 7380 4118



## Appendix A

### Key

<b>Initial Written Assessment</b>	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.
<b>Assessment Procedure</b>	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.
<b>Report Phase</b>	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.
<b>Awaiting Decision</b>	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.
<b>Awaiting Implementation</b>	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.
<b>Rejected / Withdrawn</b>	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.