

Quality Delivery

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

Innovation

Enhancing and evolving our services to support industry changes and development of the energy market.

Customer Centric

Improving the customer experience and developing richer customer relationships.

Simplification & Consolidation

Reducing complexity and fragmentation.

Digital Platform

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

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

BSC Change Report

Date of Panel meeting **11 August 2022**

Paper number **329/02**

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 July 2022 until 29 July 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: 15
- Change Proposals: 6
- Issues: 6

New changes since last month

- P441, P442, CP1565, CP1566

Workgroups

- One Workgroup held since last month's report: P434– 21 July
- Seven Workgroups coming up: P415 – 22 August, P437 – 8 August, P426 – early September, P441 – late August, P442 – late August, Issue 99 – 2 August, Issue 101 – early September

Consultations

- Consultations closed since last month's report: P425 (RC) – 18 July – 29 July, P437 (AC) – 11 July – 29 July, Issue 99 (RFI) 13 June – 1 July
- Live Consultations: July 2022 CPC: 11 July – 5 August (CP1565, CP1566)

Awaiting decision

- Authority: P395, P432
- In Self-Governance window: None

Decisions since last month

- Approved: P438, P440, CP1558
- Rejected: None

Awaiting Implementation

- **Sep 22:** P440
- **Nov 22:** CP1559, CP1560
- **Feb 23:** P376, P419, P428

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I. Modification Updates – up until decision

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:	November 2023	Current Status:	With Authority
Latest Update:	The Draft Modification Report for P395 was presented to the Panel on 9 June 2022. The Panel made no additional comments and agreed with all recommendations and that P395 should be approved by Ofgem.		
Next Event:	P395 was submitted to Ofgem for their decision on 13 June 2022 with a decision required by 6 October 2022		
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 Elexon's interpretation of ToR A) 'Which imports should be chargeable?'. The Workgroup noted that answering the P395 problem satisfactorily will involve consideration of scalability, practicality and cost to ensure that the solution is truly enduring, consistent with regulations and scalable to domestic level.</p> <p>The Panel approved a six month extension to the Assessment Procedure to P395 on 9 April 2020 to allow for further solution development.</p> <p>Due to resource constraints and deprioritisation under the Panel's Covid-19 prioritisation approach, work on the Modification was paused until October 2020.</p> <p>The Panel approved an eight month extension to the Assessment Procedure for P395 on 10 September 2020. Elexon will return with the P395 Assessment Report at the June 2021 Panel meeting.</p>		

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.

Workgroup 6 held 25 February 2022 where the Workgroup agreed a solution for Assessment Consultation. The Workgroup initially recommend, unanimously that P395 should be approved.

Workgroup 7 held on 28 March 2022, where the Workgroup discussed responses to the Assessment Consultation, which were supportive overall, noted that no arguments were raised and that their overall views against the BSC Objectives had not changed. The Workgroup recommend to the Panel that P395 is approved.

The P395 Assessment Report was presented to the BSC Panel at their meeting on 14 April 2022. The Panel initially recommend that the Modification should be approved.

P395 was issued for Report Phase Consultation in April 2022. No responses were received.

The Draft Modification Report for P395 was presented to the Panel on 9 June 2022. The Panel made no additional comments and agreed with all recommendations and that P395 should be approved by Ofgem.

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 six month extension to the Assessment Procedure at its meeting on 14 July 2022.		
Next Event:	NGESO are continuing to engage with BEIS on the possibility of a derogation against Article 6(5) of the Clean Energy Package, which would remove the need to progress P412. Dependent on the outcome of the discussions with Ofgem and BEIS, 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 subsequently consulted the Workgroup and industry on the impacts that the solution options may have, to then 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 for the cost benefit analysis consultation meant that it was issued in October 2021, with a view to then engage with Ofgem. Further Workgroup meetings may be required to consider the development of the solution and next steps.</p> <p>The Panel agreed to a nine month extension to the Assessment Procedure at its meeting on 14 October 2021. National Grid ESO's cost benefit analysis consultation was issued on 18 October 2021 and closed on 26 November 2021.</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:	On Friday 1 July 2022 the P415 Workgroup met to consider the provisional findings from the Cost Benefit Analysis, as presented by CEPA. On 14 July, CEPA presented the provisional findings of the P415 CBA to the BSC Panel, who noted the provisional findings and wish for CEPA to return to their September meeting to take the Panel through the results in greater detail, also acknowledging that CEPA's findings are yet to be finalised and subject to quality assurance and additional areas that CEPA will be considering in the coming weeks.		
Next Event:	Elexon have scheduled the next P415 Workgroup meeting for 22 August 2022, where CEPA will hold a final session with the Workgroup in preparation for publishing the final CBA report.		
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> <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>		

	<p>Workgroup 9 – held on 1 February 2022, where the Workgroup conducted an end-to-end solution review, noting the Proposer's preferred solution and capturing any alternative views</p> <p>Workgroup 10 - held on 22 February, where CEPA presented and verified the cost-benefit analysis (CBA) methodology and assumptions with the Workgroup members.</p> <p>Elxon issued the Call for Evidence for P415 to inform cost-benefit analysis (CBA) which closed on 9 May, receiving 9 responses from Suppliers, VLPs and NGESO.</p> <p>Workgroup 11 – held on 30 May, where the P415 Workgroup met on 30 May 2022 to consider methodologies for calculating the Supplier Compensation Reference Price.</p>
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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:	Report Phase
Latest Update:	The P425 Assessment Report was presented to the Panel on 14 July 2022. The Panel made an initial recommendation that P425 should be approved. The Report Phase Consultation was issued on 18 July, with responses invited by 29 July. Three responses were received.		
Next Event:	The P425 Draft Modification Report will be presented to the Panel on 11 August 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:	<p>E.ON Energy Solutions Limited raised P425 on 6 October 2021.</p> <p>The Panel considered the Initial Written Assessment at its meeting on 14 October 2021 and agreed that P425 can progress for a five month Assessment Procedure.</p> <p>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.</p> <p>The Panel approved a three-month extension (Assessment Report due by June 2022) at its standard February 2022 meeting, as it took longer than anticipated to finalise the redlining, compounded by the Christmas period.</p> <p>The Assessment Consultation was issued on 17 March 2022 with responses invited by 7 April 2022. Three responses supporting the change were received.</p> <p>Due to issues forming a quorate Workgroup since the closure of the Assessment Consultation, the Panel approved a two-month extension.</p> <p>The final Workgroup was held on 17 June 2022 to consider the consultation responses. The Workgroup unanimously recommend P425 is approved, in line with consultation responses.</p>		

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 Panel agreed to a six month extension to the Assessment Procedure at its meeting on 14 July 2022.		
Next Event:	The second Workgroup meeting will be scheduled to be held in late August/early September to consider legal issues and further develop the solution.		
Issue:	<p>The current method for calculating BSC Party Energy Indebtedness is inefficient for Parties who have multiple BSC Parties within their group of companies.</p> <p>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.</p>		
Current Solution:	<p>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.</p>		
History:	<p>Drax Energy Solutions Limited raised P426 on 11 October 2021.</p> <p>The Initial Written Assessment was presented to the Panel at its meeting on 14 October 2021. The Panel agreed by majority that P426 can progress for a six month Assessment Procedure.</p> <p>The BSC Panel approved a four month extension to the Assessment Procedure at its meeting on 10 March 2022 due to delays forming and holding a quorate Workgroup.</p> <p>The first Workgroup meeting was due to be held on 27 April 2022 but was postponed as was not quorate due to a Voting Member withdrawing from the Workgroup close to the meeting date due to a change in work commitments and a late change to another Voting Member's availability.</p> <p>The first Workgroup meeting was held on 28 June 2022. The Workgroup considered the background to P426, the proposed solution and the Terms of Reference.</p>		

P427: Publication of Performance Assurance Parties' impact on Settlement Risk			Update
Date Raised:	14 October 2021	Proposer:	BSC Panel
Target Implementation Date:	23 February 2023	Current Status:	Report Phase
Latest Update:	The Assessment Report was presented to the Panel at its meeting on 14 July. The Panel made an initial recommendation to approve the Modification. The Report Phase Consultation was issued on 18 July, with responses invited by 18 August.		
Next Event:	The Draft Modification Report will be presented to the Panel at its meeting on 8 September.		
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:	<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>Additionally, notices detailing the error/impact would be published to industry if one of the following is triggered:</p> <ul style="list-style-type: none"> • Where a PAP within the EFR process fails against a milestone within its EFR plan after previously having been escalated to the PAB for the same EFR plan. • Where the PAB deems that the publication of one or more sets of performance data would have a beneficial impact on performance it may recommend to the Panel for said data to be published via Peer Comparison. • Where a PAP's action or inaction results in a market wide impact with a total materiality meeting or exceeding the market wide impact threshold proposed by the PAB and approved by the BSC Panel. • Where a PAP's action or inaction results in an impact to an individual Market Participant with a total materiality meeting or exceeding the individual BSC Party impact threshold proposed by the PAB and approved by the BSC Panel. 		
History:	<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> <p>The first Workgroup meeting was held on 19 January.</p> <p>The second Workgroup meeting was held on 1 March 2022 where the group further discussed the solution options and viewed the drafted redlining. The Panel also granted a three month extension for this Modification due to delays caused by forming a quorate Workgroup.</p> <p>The third Workgroup meeting was held 20 April where the Workgroup considered the updated redlining and voted on objectives for the Modification.</p>		

The fourth Workgroup was held on 10 May to finalise voting on the redlining. The Assessment Procedure Consultation (APC) was sent out to industry on 20 May 2022 with the Workgroup initially recommending approval of this Modification.

An extension request was approved for P427 at the June Panel meeting as a contingency, however it was not needed. The Assessment Consultation closed on 10 June 2022 receiving nine responses, seven of which were in support of the solution. The fifth Workgroup was held on 16 June to discuss the responses. The majority of the Workgroup recommend that P427 is approved.

P430: Allow Suppliers to use metering behind the site Boundary Point			Update
Date Raised:	19 November 2021	Proposer:	Ecotricity
Target Implementation Date:	- Post 2024 if system changes needed - 2023 if document only	Current Status:	Withdrawn
Latest Update:	On 14 July 2022, P430 was officially closed following a five Business Day period where the withdrawn Modification Proposal remained open to be adopted. No requests to adopt were received and the Modification was officially closed when the time lapsed.		
Next Event:	None		
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:	<p>P430 was raised by Ecotricity on 19 November 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> <p>The first Workgroup meeting was held on 17 March 2022, where members agreed that Suppliers should undergo some level of Qualification to participate in the P375 solution. As the Proposer and Workgroup agreed that Suppliers should provide assurances that they can operate as an AMVLP (through the AMVLP Qualification process), there is no solution to be delivered under P430. Therefore it was decided that this Modification should be closed.</p>		

P432: Half Hourly Settlement for CT Advanced Metering Systems			Update
Date Raised:	2 December 2021	Proposer:	Npower Commercial Gas Limited
Target Implementation Date:	+5 Working Days after Authority Decision	Current Status:	Report Phase
Latest Update:	The P432 Draft Modification Report was presented to the Panel on 14 July 2022. By majority the Panel's final recommendation to Ofgem was to reject P432. The P432 Final Modification Report was submitted for Ofgem decision on 20 July 2022.		
Next Event:	Ofgem is expected to provide its decision for P432 by 30 August 2022.		
Issue:	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.		
Current Solution:	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.		
History:	<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> <p>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.</p> <p>The second P432 Workgroup meeting took place on 23 February 2022. The Workgroup agreed on a solution for the Assessment Consultation, the draft legal text and the Assessment Consultation questions. The Workgroup initially recommend by majority that P432 should be approved.</p> <p>The Panel granted P432 a one month extension at its March 2022 meeting due to quoracy issues holding the first meeting. Following the extension, the Assessment Report was scheduled to be presented to the Panel at its meeting on 12 May 2022, however a further extension request will be made at the April Panel meeting.</p> <p>The Panel granted P434 a two month extension at its April 2022, as the consultation was issued later than planned due to delays with the review activities from Workgroup Members. We have planned for a fourth contingency Workgroup. Should this not be needed, we will present the Assessment Report to Panel at its June Meeting, otherwise at its July meeting.</p> <p>The Assessment Procedure Consultation for P432 was issued on 30 March 2022 with responses invited by 22 April 2022. There were 10 responses with the majority disagreeing with the Workgroup that P432 should be approved. Concerns were also raised with the proposed implementation approach, driven by MHHS causing capacity issues.</p>		

The Workgroup considered the responses to the Consultation and by majority provided its final recommendation that P432 should be approved.

P432 Assessment Report was presented to the Panel on 9 June 2022. The majority of the Panel initially recommend P432 is rejected. The P432 Report Phase Consultation was issued on 15 June 2022, with responses due 1 July 2022.

P434: Mandate to Half Hourly Settle the Non-Half Hourly Unmetered Supplies Metering Systems			Update
Date Raised:	3 February 2022	Proposer:	Npower Commercial Gas Limited
Target Implementation Date:	+5 Working Days after Authority Decision	Current Status:	Assessment Procedure
Latest Update:	The fourth Workgroup Meeting for P434 was held on 21 July 2022, where Elexon presented the Assessment Procedure Consultation responses to the Workgroup Members. Like P432, many of the Suppliers responding to the P434 Consultation didn't agree this Modification should be implemented separately to the MHHS Programme and couldn't see the benefits of implementing these changes earlier.		
Next Event:	The Assessment Report was due at the August Panel meeting, but at the planned final Workgroup meeting the Proposer, in light of the consultation responses, believed it better to ask the MHHS Programme some additional questions to ensure the all available evidence to support the case for change was included in the Assessment Report. For example, to determine what the challenges will be for the Programme to transition straight into the TOM for NHH UMS i.e. without P434.		
Extension Request:	Therefore, we request a three month extension for P434 so we can have further conversations with the MHHS Programme and a further Workgroup meeting before presenting the Assessment Report to Panel by its November 2022 meeting, or earlier, if possible. This includes a one month contingency. The Workgroup noted that the P434 compliance deadlines are fixed to the MHHS timetable and the MHHS Programme is currently finalising a re-plan.		
Issue:	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 Non-Half Hourly (NHH) Unmetered Supplies (UMS) MSIDs to settle HH between October 2023 and October 2024, to mitigate the risk of not meeting the Transition Timetable set out by Ofgem in its Full Business Case		
Current Solution:	P434 proposes to mandate the Settlement of NHH UMS MSIDs on a HH basis and to place corresponding obligations on parties to co-operate in the Change of Measurement Class (CoMC) process between October 2023 and October 2024. The solution should also set a deadline by which any new UMS MSIDs have to be registered directly into the HH Settlement Process. It is proposed this is from October 2023.		
History:	<p>P434 was raised by Npower Commercial Gas Limited on 3 February 2022.</p> <p>The Initial Written Assessment was presented to the BSC Panel at its meeting on 10 February 2022, where it was progressed to the Assessment Procedure.</p> <p>The first Workgroup meeting for P434 was held on 18 March 2022. Elexon presented the background, issue and proposed solution for P434. The Workgroup considered the Terms of Reference and gave their initial views on the BSC Applicable Objectives. The Workgroup initially recommend P434 is approved.</p>		

The Panel granted P434 a three month extension due to delays with P432 affecting the timeline for P434 caused by capacity issues with the Workgroup and Elexon. The second P434 Workgroup meeting took place 20 May, successfully meeting its objective for the meeting, to agree the draft legal text for the proposed solution and agree a solution for the CoMC process.

The third Workgroup meeting for P434 was held on 8 June 2022. The Workgroup's initial recommendation by majority was to approve P434. The P434 Assessment Procedure Consultation was issued on 21 June 2022, with responses invited by 12 July 2022.

P437: Allowing non-BSC Parties to request Metering Dispensations			Update
Date Raised:	10 March 2022	Proposer:	BSC Panel
Target Implementation Date:	+5 Working Days after Authority Decision	Current Status:	Assessment Procedure
Latest Update:	The P437 Assessment Consultation was issued on Monday 11 July, with comments welcomed by Friday 29 July 2022.		
Next Event:	The third P437 Workgroup meeting will be held on Monday 8 August 2022, where the Workgroup will discuss the Assessment Consultation responses and finalise their recommendation for the P437 solution. The Assessment Report is due at the Panel in September 2022.		
Issue:	Currently, Section L 'Metering' permits only the Registrant of the Metering System to apply for a Metering Dispensation, if for financial or practical reasons, the applicable Metering Equipment will or does not comply with the relevant Code of Practice. This limits the opportunity for an earlier submission, preferably in the design stage of the Metering site, as Registrants of a Metering System are typically appointed later than the recommended 14 weeks prior to energisation of the related Metering System.		
Current Solution:	Section L 'Metering' of the Balancing and Settlement Code (BSC) will be amended to allow non-BSC Parties to request applications for Metering Dispensations. A Meter Operator Agent (MOA) will assess the proposed design and location of the Metering System and assess compliance against the BSC and the relevant CoP. The relevant MOA can make an application for a Metering Dispensation on behalf of the site operator.		
History:	<p>The BSC Panel raised P437 at its meeting on 10 March 2022. The Panel agreed to progress P437 to the Assessment phase.</p> <p>The first Workgroup meeting took place on 24 May. Elexon presented the background, issue and proposed solution for P437. The Workgroup provided their views on the proposed solution, which informed the draft redline text for the P437 solution.</p> <p>The Panel, at its March meeting, granted a two-month extension to the P437 Assessment Procedure to accommodate the delays caused by the quoracy issue.</p> <p>The second P437 Workgroup meeting took place on 23 June 2022, where the Workgroup considered agreed the proposed draft redline text, Assessment Consultation questions and finalised the outstanding Workgroup Terms of Reference (ToR).</p>		

P438: Amending the BSC to address sanction orders (Urgent)			Update
Date Raised:	29 March 2022	Proposer:	NGESO
Target Implementation Date:	+1 WD following Authority decision	Current Status:	Implemented
Latest Update:	P438 was approved by the Authority on 14 July 2022 and implemented on 15 July 2022 as part of a BSC Special Release.		
Next Event:	None – P438 has been implemented.		
Issue:	The current wording of the BSC includes no reference to sanctions. Given this, there is a risk that implementing sanctions or complying with a sanctions order would put BSCCo in breach of the BSC and open BSCCo up to potential claims from the designated entity subject to any sanctions, or from other BSC Parties if steps were taken that were not authorised by the BSC. This Modification seeks to remove this risk by introducing the concept of sanctions into the BSC, as a new Event of Default.		
Current Solution:	This Modification seeks to mitigate the risk to BSCCo in complying with any sanctions order by introducing the concept of sanctions into the BSC party default arrangements. It will include the steps that could flow from a sanctions order, including, for example, suspension of payments, suspension of notifications, suspension of registrations and any associated governance to enable such suspensions		
History:	<p>NGESO raised P438 on 29 March 2022 and presented it to an urgent Panel meeting on the same day. A request for urgency has been submitted to Ofgem for decision. This is due to the Panel's view that P438 would address a defect in the Code that could put the BSCCo or other BSC Parties in breach of the Code should the defect not be urgently addressed.</p> <p>On 20 April 2020, the Authority determined that P438 constitutes an Urgent Modification Proposal and approved the proposed progression timetable. Elexon circulated the P438 consultation on 21 April 2022 for a period of one calendar month in order to comply with the EBGL change process.</p> <p>The P438 Urgent Modification Consultation closed on 23 May and two responses in support of the change were received. P438 was presented to the Panel at an urgent meeting on 25 May 2022.</p> <p>The Panel unanimously recommended that P438 should be approved at its meeting on 25 May 2022. The Modification was sent to Ofgem for decision on 26 May 2022.</p> <p>On 9 June, Ofgem raised some further legal queries on the P438 solution with Elexon. We worked with Ofgem and an external legal firm to provide further legal analysis to Ofgem on 30 June 2022.</p>		

P440: Enabling Elexon to administer the Capacity Market Advisory Group			Update
Date Raised:	10 May 2022	Proposer:	NGESO
Target Implementation Date:	1 September 2022	Current Status:	Awaiting Implementation
Latest Update:	P440 was submitted to the Authority for decision on 13 June 2022 with a recommendation to approve. The Authority approved the Modification on 15 July.		
Next Event:	P440 will be implemented on 1 September 2022 as part of a Non-Standard BSC Release.		
Issue:	The BSC does not currently allow Elexon to undertake administrative activities that would support the Capacity Market Advisory Group (CMAG). This does not align to Ofgem's decision to appoint Elexon to undertake the CMAG administrative activities on its behalf.		
Current Solution:	<p>This Modification should enable Elexon as the BSCCo to conduct the administrative process work for the CMAG, on a not for profit basis, that Ofgem is awarding to Elexon (subject to this Modification) per its decision dated 9 May 2022.</p> <p>Under P440 Elexon shall:</p> <ul style="list-style-type: none"> • be required by the BSC to create, maintain and operate the CMAG processes in support of the Change Process for the Capacity Market Rules guidance, that Ofgem publishes; • be accountable to Ofgem rather than the BSC Panel for operating and maintaining (including changing) the CMAG processes; and • recover its costs for the administrative work from BSC Parties in proportion to their market share through the main funding share. 		
History:	<p>P440 was raised on 10 May 2022 by NGESO. The Panel sent P440 to the Report Phase at its meeting on the 12 May 2022.</p> <p>The Panel considered the Draft Modification Report at its meeting on 9 June 2022 and recommended approval of P440 to the Authority. The Final Modification Report (FMR) was sent to the Authority on 13 June 2022.</p>		

P441: Creation of Complex Site Classes			Update
Date Raised:	7 July 2022	Proposer:	Green Energy
Target Implementation Date:	29 June 2023	Current Status:	Assessment Procedure
Latest Update:	P441 was raised on 7 July 2022 by Green Energy. The Panel sent P441 to the Assessment Procedure Phase at its meeting on the 14 July 2022.		
Next Event:	The first Workgroup meeting is likely to be held in week commencing 29 August or 5 September 2022. At this meeting, the Workgroup will consider the P441 background and Issue, explore the Workgroup Terms of Reference, and discuss potential solutions for P441.		
Issue:	<p>In recent years a number of queries have been raised to Elexon and in wider industry forums related to the scope of the Complex Site arrangements under the BSC. More specifically, when the BSC and its Code Subsidiary Documents (CSDs) permit the netting of Imports from Exports through a Complex Site arrangement and the scenarios in which this netting is permissible.</p> <p>During conversations under Issue 88 'Clarification of BSC Arrangements relating to Complex Sites' it was identified that certain arrangements have been allowed under the BSC although not clearly defined to facilitate consistency across the market. As so called "Local Energy Schemes" become more popular, it is essential that the rules for when netting should be permitted are clearly defined going forward.</p>		
Current Solution:	<p>P441 seeks to create six categories of Complex Site, each with clearly defined criteria.</p> <p>Classes 1 - 5 are intended to formalise the criteria for those "types" of Complex Site which are currently recognised as such and are already in use within the industry. In particular, a Class 5 Complex Site would set out the criteria in which netting across Boundary Points is permitted (for example, in order to facilitate the establishment of a Local Energy Scheme).</p> <p>A Class 6 Complex Site would be a 'non-standard' arrangement that has aspects of a complex site but does not clearly fit in any of the other five classes. This would be akin to the current process of assigning Central Volume Allocation (CVA) Metering System Identifiers (MSIDs) to a "standard" or "non-standard" BM Unit.</p>		

P442: Reporting chargeable volumes for exempt and licensed supply			Update
Date Raised:	7 July 2022	Proposer:	UC Energy Ltd
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	P442 was raised on 7 July 2022 by UC Energy Ltd. The Panel sent P442 to the Assessment Procedure Phase at its meeting on the 14 July 2022.		
Next Event:	The first Workgroup meeting is likely to be held in late August. At this meeting, the Workgroup will consider the P442 Terms of Reference, as agreed by the Panel.		
Issue:	<p>Licensed Suppliers are required to pay charges on the electricity they supply, but energy supplied by an exempt Supplier should not be subject to these charges. Licence exempt suppliers are not able to sign up to all the industry codes that a licensed Supplier can, and are therefore required to obtain certain services (including registration of their customers' Metering Systems) from a licensed Supplier. As a result, the portfolio of Metering Systems registered by a licensed Supplier may include both licenced and exempt supply. A Licensed Supplier should therefore be charged based on its total supply minus any exempt supply.</p> <p>There is currently no process that allows for correct allocation of appropriate chargeable volumes for Supplier Volume Allocation (SVA) Metering Systems where a portion should be exempt, and another portion should be licensable.</p>		
Current Solution:	The proposed solution is for a new third party role, the "Exempt Supply Calculation Agent" (ESCA), to be defined. The ESCA would calculate the volumes of licensed and exempt supply, and submit them to central BSC Systems, based on metered data provided by the HHDC or Supplier. The ESCA would be required to undergo a qualification process to ensure compliance with Settlement requirements.		

II. Change Proposal Updates – up until Decision

CP1558: New Registration data items and processes to support the MHHS transition			Update
Date Raised:	16 February 2022	Proposer:	Elxon
Target Implementation Date:	23 February 2023	Current Status:	Awaiting implementation
Latest Update:	The CP1558 Assessment Report was presented to the SVG for decision on 5 July 2022, the SVG unanimously approved CP1558 for Implementation on 29 June 2023.		
Next Event:	CP1558 will be implemented on 29 June 2023 as part of the Standard June 2023 BSC Release.		
Issue:	The Code Change and Development Group (CCDG) recommended that a subset of Registration Service data items required for MHHS are introduced in February 2023, about 18 months before migration is due to commence in October 2024. This is because these items are so critical to the MHHS rules and processes that going live with poor quality data would lead to avoidable time and effort being spent fixing issues during the 12 month migration period.		
Current Solution:	<p>CP1558 will introduce new Registration Service data items and supporting BSC processes into existing SMRS systems to support the MHHS transition.</p> <p>The REC Change R0032 'New Registration data items and processes to support the transition to MHHS' and CP1558 were both raised to collectively deliver the CCDG's transition recommendation. Both CP's are targeting June 2023 for implementation.</p>		
History:	<p>CP1558 was raised on 16 February 2022 to give Market Participants early visibility of the upcoming proposed changes to the Registration Service. The Retail Energy Code (REC) has raised the change R0032 'New Registration data items and processes to support the transition to MHHS' on 3 February 2023. This BSC CP and R0032 will collectively deliver the CCDG's transition recommendation to introduce a subset of the Registration Service data items required for MHHS before migration commences in October 2024.</p> <p>REC 3.0 will transfer new obligations and processes formerly in the MRA into BSCP501, which has an interaction with this CP. This CP therefore needs to be re-baselined against the approved REC 3.0 baseline by the time it is implemented. The REC 3.0 changes are expected to be approved by Ofgem by the end of April 2022, therefore we propose two consultations for this CP; the first consultation will have the redlining on the current baseline versions of BSCP501 and BSCP515. This consultation will provide industry the opportunity to comment on the principles proposed under this CP. The second consultation will have the redlining on the REC 3.0 baseline, and will be the opportunity to confirm that the principles from the first consultation have been accurately implemented on the updated baseline.</p> <p>The CP1558 Progression Paper was presented to the SVG on 1 March 2022 and was subsequently issued for consultation on 7 March 2022 with responses invited by 1 April 2022.</p> <p>The first consultation for CP1558 closed on 1 April 2022. Majority of the responses agreed with the solution for CP1558 however they had concerns over the implementation date (Feb 2023), the respondents suggested the implementation date should be pushed back to June 2023.</p>		

CP1558 responses to the second consultation were presented to the SVG on 3 May 2022. We decided to hold two consultations for CP1558 due to the evolving BSC Baseline and to give participants more time to engage with CP1558. The first consultation had the redlining on the current baseline versions of BSCP501 and BSCP515. The second consultation included the redlining on the REC 3.0 baseline of BSCP501. The second consultation also seeks further views from industry regarding the proposed implementation approach and the approach for the initial population and data cleanse.

The second Consultation for CP1558 closed on 6 June 2022. Majority of the respondents agreed with the solution and indicated they preferred to delay the Implementation Date from February 2023 to June 2023.

CP1563: Altering the Trigger Point for CT Commissioning			Update
Date Raised:	5 April 2022	Proposer:	Northern Power Grid
Target Implementation Date:	3 November 2022	Current Status:	Consultation
Latest Update:	The CP1563 Consultation closed on 8 July and 5 responses were received which were unanimously in favour of the solution, redlining and implementation date.		
Next Event:	CP1563 will be presented to the SVG at its meeting on 2 August 2022, for decision.		
Issue:	The Proposer considers that the trigger points for commissioning and subsequent sending of data flow within BSCP515 'Licensed Distribution' and the Retail Energy Code (REC) Metering Operations Schedule are not appropriate for Current Transformer (CT) operated metering systems of all types.		
Current Solution:	<p>CP1563 seeks to update BSCP515 'Licensed Distribution' to include the date of D0139 'Confirmation or Rejection of Energisation Status Change' receipt from Meter Operator Agents (MOAs) as the trigger point for Commissioning countdown.</p> <p>BSCP515 will also be updated to remove the reference to sending the Commissioning information no later than 5 working days (WD) after Commissioning and replace it with sending it no later than 21WD after Energisation (if LDSO energises) or 21WD after receipt of D0139 if MOA energises.</p>		
History:	<p>CP1563 was raised on 5 April by Northern Power Grid.</p> <p>CP1563 was issued for Consultation on 11 April 2022 with responses invited by 6 May 2022. Six responses were received, all of which were in support of the CP solution.</p> <p>Following the closure of the first CP Consultation, Elexon identified that different versions of red lined text had been issued for consultation under the BSC and REC and that the Proposer's preferred solution will have an impact on overall Commissioning timescales. Since this was a material change to the solution, the SVG agreed to send CP1563 out for a second consultation which closed on 8 July.</p>		

CP1565: Updates to address Central Management System issues		New	
Date Raised:	6 July 2022	Proposer:	Elexon
Target Implementation Date:	3 November 2022	Current Status:	Consultation
Latest Update:	CP1565 was raised by Elexon on 6 July 2022. The CP Progression Paper was presented to the Supplier Volume Allocation Group (SVG) at its meeting on 5 July 2022. CP1565 was issued for Industry Consultation on Monday 11 July 2022 with responses invited by Friday 5 August 2022.		
Next Event:	Following the closure of the consultation on 5 July 2022, CP1565 will be presented to the SVG on 6 September 2022, for decision.		
Issue:	The BSC does not currently contain clear guidance on how Central Management System (CMS) and Measurement Central Management System (mCMS) applications are approved. Additionally, when faults are detected, the BSC does not provide guidance on how they are reported. As a result, common operational issues have been identified with CMS that pose a risk to Settlement in terms of Half Hourly (HH) energy calculation accuracy.		
Current Solution:	This CP seeks to update BSCP520 to contain clearly outlined processes for approval and fault reporting of Central Management Systems.		

CP1566: Introducing the CVA Commissioning End to End Check (CEEC) process		New	
Date Raised:	5 July 2022	Proposer:	Elexon
Target Implementation Date:	3 November 2022	Current Status:	Consultation
Latest Update:	CP1566 was raised by Elexon on 5 July 2022. CP1566 was issued for Consultation on 11 July 2022, with responses invited by 5 August 2022.		
Next Event:	Following the closure of the consultation on 5 July 2022, CP1566 will be presented to the ISG and SVG at their meetings on 6 September 2022, for decision.		
Issue:	<p>Central Volume Allocation (CVA) Metering Systems record flows of energy for large capacity circuits, so any undetected Metering Equipment commissioning errors represent a high risk to Settlement. An instance of this error occurred in 2014, captured as Trading Dispute DA797, which resulted in a large Settlement Error.</p> <p>Elexon conducted an internal lesson learned exercise and instigated an informal 'post energisation check' process between CVA Registrants and the Central Data Collection Agent (CDCA). This check has already demonstrated its ability to mitigate the risk of future undetected Metering Equipment commissioning errors.</p> <p>The absence of a formalised CEEC process introduces a risk that the relevant Metering Equipment is not commissioned properly or at all. This could pose a risk to Settlements.</p>		
Current Solution:	<p>CP1566 seeks to formalise the 'post energisation check' in the relevant Code Subsidiary Documents (CSDs) to ensure the process of detecting Metering Equipment commissioning errors, when they occur, is more robust.</p> <p>The process will be renamed the Commissioning End to End Check (CEEC).</p>		

III. Issue Updates

Issue 93: Review of the BSC metering Codes of Practice			Update
Date Raised:	15 January 2021	Proposer:	Association of Meter Operators
Latest Update:	<p>The Issue 93 review concluded on 30 June 2022, with all identified Aspect addressed.</p> <p>Elxon are currently preparing the Issue 93 Report, which will be tabled at the September BSC Panel meeting.</p>		
Next Event:	<p>The Issue 93 Report will be tabled at the September BSC Panel meeting. All recommended changes (Modification and CPs) will be progressed according to the timeline outlined in the Issue 93 Report, as expected.</p>		
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:	<p>Elxon are preparing to issue the Issue 95 Options Paper (illustrating the expected costs, impacts and implications for TIBCO users, new entrants into the market, BSCCo and wider BSC Parties) to the Workgroup for review and comment. We are aiming to hold another group meeting in late August to get Workgroup consensus on the best option to take forward,</p>		
Next Event:	<p>Elxon are aiming to hold another Issue 95 meeting to consider the options in late August 2022 and we aim to bring the Issue Report to the September Panel if possible, but otherwise the October 2022 Panel</p>		
Issue:	<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>		

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:	UC Energy Ltd
Latest Update:	Following the discussions in the latest Workgroup meeting on 1 June, Elexon has updated the proposed solution so that the Workgroup can make a final decision regarding a recommendation to raise a change for a further short-term solution. This document is currently with the Workgroup for decision.		
Next Event:	Once the final conclusions have been made by the Workgroup, the Issue Report will be finalised.		
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 99: Review the use of the D0215 flow and its associated processes			Update
Date Raised:	2 March 2022	Proposer:	UK Power Networks
Latest Update:	The Issue 99 Consultation concluded on Friday 1 July 2022, with 13 comments received from Supplier Volume Allocation (SVA) Meter Operator Agents (MOAs), Licensed Distribution System Operators (LDSOs) and Suppliers.		
Next Event:	The second Issue 99 Workgroup meeting will be held on Tuesday 2 August 2022. At this meeting, the Workgroup will consider the responses to the RFI, discuss the potential solution for Issue 99 and agree the draft legal text requirements.		
Issue:	<p>The D0215 data flow currently records some of the same information contained in the D0383 'Notification of Commissioning Information' data flow such as current and voltage transformer (CT/VTs ratios) (J0454 and J0455) respectively, therefore duplicating information across both data flows.</p> <p>The D0383 is populated following the Commissioning of Metering Equipment meaning the information in the D0383 has been validated as correct. However, the information in the D0215 is often unreliable, given it is requested prior to Commissioning. The Data Items within the D0215 that are not duplicated (Supply Capacity, Supply Voltage) may still be utilised and so the D0215 could be retained but edited to remove the duplication.</p>		

Issue 100: Assessing BSC Black Start processes to support NGESO's Distributed ReStart project			Update
Date Raised:	5 April 2022	Proposer:	NGESO
Latest Update:	After the first Issue Group meeting took place, NGESO proposed pausing the work of Issue 100 pending the outcome of the Markets and Funding Mechanism subgroup of Grid Code (GC) Modification GC0156: Facilitating the Implementation of the Electricity System Restoration Standard as an efficient use of time as although the subgroup is exploring system restoration more widely, it is felt it will have implications for Distributed ReStart and therefore Issue 100. The Proposer is comfortable with this approach and Issue 100 Members have been informed and invited to join the GC0156 subgroup.		
Next Event:	Issue 100 will be restarted at an appropriate time in consultation with the Proposer. The subgroup is due to complete its work by the end of October 2022.		
Issue:	<p>NGESO's Distributed ReStart project seeks to enable distribution-connected Plant to participate in an updated version of Electricity System Restoration (currently defined as Black Start in the BSC). This will broaden the range of providers who can offer the service, the networks it can be provided from and the situations in which these providers may be utilised.</p> <p>Distributed ReStart is a project exploring how distributed energy resources such as solar, wind and hydro, can be used to restore power to the transmission network in the unlikely event of a blackout, i.e., provide a Black Start service. It is expected that the provision of this new service will commence from 2025 onwards.</p> <p>The Issue Group will consider any BSC impacts and whether any changes to the BSC, Code Subsidiary Documents or BSC systems are required.</p>		

Issue 101: Ongoing Governance, Funding and Operation of the MHHS DIP			New
Date Raised:	13 July 2022	Proposer:	Elxon
Latest Update:	Elxon raised Issue 101 on 13 July 2022.		
Next Event:	The aim is for the first Issue 101 Workgroup meeting will be held in August, once a suitable Workgroup has been formed.		
Issue:	<p>An Event Driven Architecture (EDA) platform is being developed as a key component to support delivery of the Market-wide Half Hourly Settlement (MHHS) Target Operating Model (TOM) and will be able to respond to the increase in volume and frequency of data more quickly than the current arrangements. The Data Integration Platform (DIP) is the delivery mechanism for the MHHS EDA.</p> <p>Issue 101 intends to define the requirements and principles for the on-going DIP arrangements that can be included in the subsequent BSC Modification, including the ongoing governance, funding and operation of the DIP.</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> RPC: 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		Jun	Jul	Aug	Sep	Oct	Nov	Dec
P376	Utilising a Baseline Methodology to set Physical Notifications for Settlement of Applicable Balancing Services	Enel Trade S.P.A.	11 Dec 2018	No								
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No								
P412	Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy	NGESO	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		Jun	Jul	Aug	Sep	Oct	Nov	Dec
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	NGESO	6 May 2021	No								
P425	Amendment to the definition of Shared SVA Meter Arrangement	E.ON Energy Solutions Limited	6 Oct 2021	No			AR/ RPC	DMR/ FMR	WA	I		
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation	Drax Energy Solutions Limited	11 Oct 2021	No								
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	BSC Panel	14 Oct 2021	No			AR/ RPC		DMR/ FMR	WA		
P428	Correction to P376 Legal Text	BSC Panel	11 Nov 2021	No								
P432	Half Hourly Settlement for CT Advanced Metering Systems	Npower Commercial Gas	2 Dec 2021	No		AR/ RPC	DMR/ FMR	WA	I			
P434	Mandate to Half Hourly Settle the Non-Half Hourly Unmetered Supplies Metering Systems	Npower Commercial Gas Limited	3 Feb 2022	No				AR/ RPC	DMR/ FMR	WA		
P436	Consequential BSC changes for Switching SCR (REC 3.0)	Ofgem	2 Feb 2022	No			I					
P437	Allowing non-BSC Parties to request Metering Dispensations	BSC Panel	10 Mar 2022	No					AR/ RPC	DMR/ FMR	WA	

Mod	Title	Proposer	Date Raised	Urgent		Jun	Jul	Aug	Sep	Oct	Nov	Dec
P438	Amending the BSC to address sanction orders	NGESO	29 Mar 2022	Yes			I					
P440	Enabling Elexon to administer the Capacity Market Advisory Group	NGESO	10 May 2022	No			AI		I			
P441	Creation of Complex Site Classes	Green Energy	14 July 2022	No			IWA	AP				AR
P442	Reporting chargeable volumes for exempt and licensed supply	UC Energy Ltd	7 Jul 2022	No			IWA	AP				

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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Mod	Title	Proposer	Date Raised		Jun	Jul	Aug	Sep	Oct	Nov	Dec
CP1558	New Registration data items and processes to support the MHHS transition	Elexon	16 Feb 2022		CPC	AR	AI				
CP1559	Complex Sites Process Improvements	Elexon	22 Feb 2022		AI					I	
CP1560	Demand Control Event Settlement Adjustment Process Clarifications	Elexon	3 Mar 2022		AI					I	
CP1563	Altering the Trigger Point for CT Commissioning	Northern Power Grid	5 Apr 2022		CPC		AR	AI		I	
CP1565	Updates to address Central Management System issues	Elexon	6 Jul 2022		PP	CPC		AR	AI	I	
CP1566	Introducing the CVA Commissioning End to End Check (CEEC)	Elexon	5 Jul 2022		PP	CPC		AR	AI	I	

VI. BSC Releases Road Map

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

November 2022 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
CP1559	Complex Sites Process Improvements	Document Only	7. Implementation Phase
CP1560	Demand Control Event (DCE) Settlement Adjustment Process clarifications	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
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	System	7. Implementation Phase
P428	Correction to P376 Legal Text	Document Only	7. Implementation Phase

June 2023 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
CP1558	New Registration data items and processes to support the transition to MHHS	Document Only	7. Implementation Phase

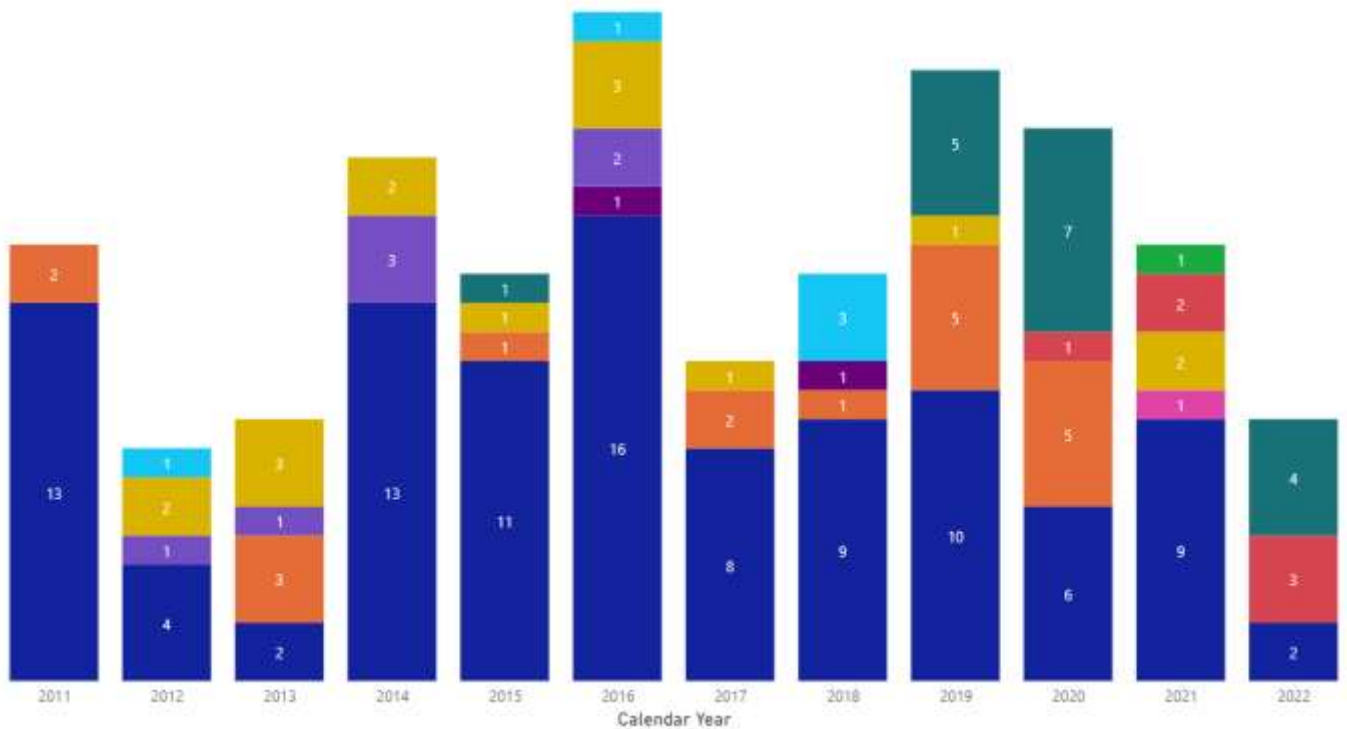
Non-Standard Release				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Implementation Date
P440	Enabling Elexon to administer the CM Rules Change process, including the CMAG	Document Only	7. Implementation Phase	01 Sep 22

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	6. Authority Decision / SG Appeal Window	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
P425	Amendment to the definition of Shared SVA Meter Arrangement	Document Only	5. Report / Panel Decision Phase	5WD after Authority decision
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	Nov 22
P432	Half Hourly Settlement for CT Advanced Meters	Document Only	6. Authority Decision / SG Appeal Window	5WD after Authority decision
P434	Enabling change to move NHH Unmetered Supplies to HH Settlement for Market-wide Half-Hourly Settlement	Document Only	4. Assessment / Consultation Phase	5WD after Authority decision
P437	Allowing non-BSC Parties to request Metering Dispensations	Document Only	4. Assessment / Consultation Phase	5WD after Authority decision
P441	Creation of Complex Site Classes	Document Only	4. Assessment / Consultation Phase	Jun 23
P442	Reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply	System	4. Assessment / Consultation Phase	TBC
CP1563	Altering the Trigger Point for CT Commissioning	Document Only	5. Report / Panel Decision Phase	Nov 22
CP1565	Updating BSCP520 to address operational issues in the Central Management System	Document Only	4. Assessment / Consultation Phase	Nov 22
CP1566	Introducing the CVA Commissioning End to End Check (CEEC) process	Document Only	4. Assessment / Consultation Phase	Nov 22

VII. Modification Trend Chart

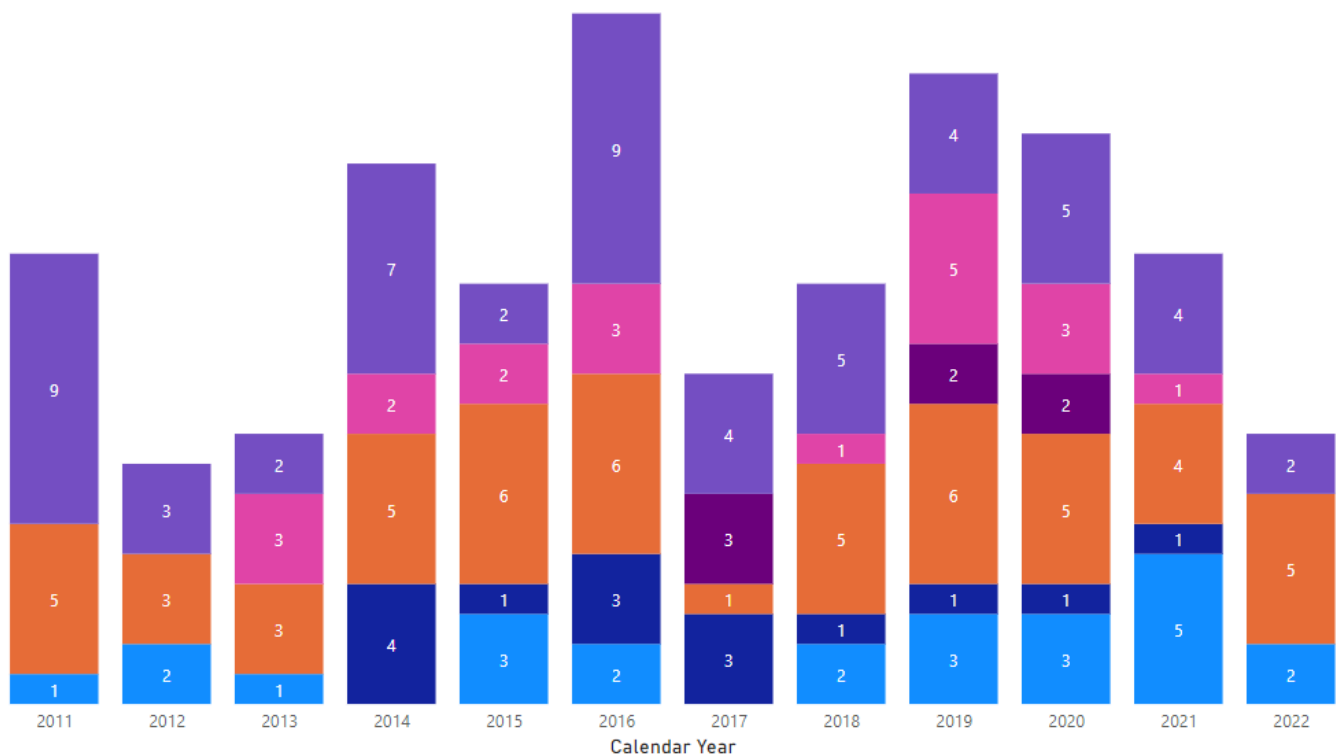
What's driving the raising of Modifications?

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



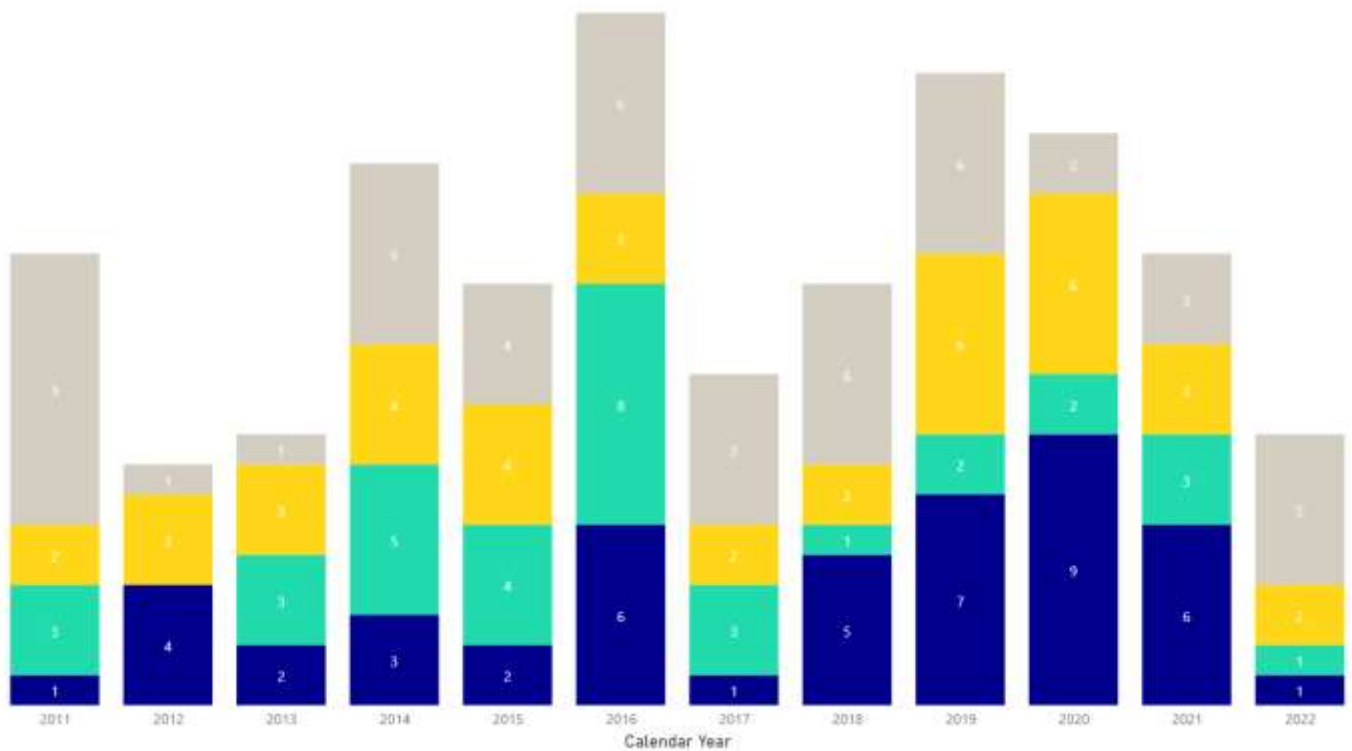
What type of Modifications are being raised?

Category L1: Assurance Credit Governance Registration Reporting Settlement



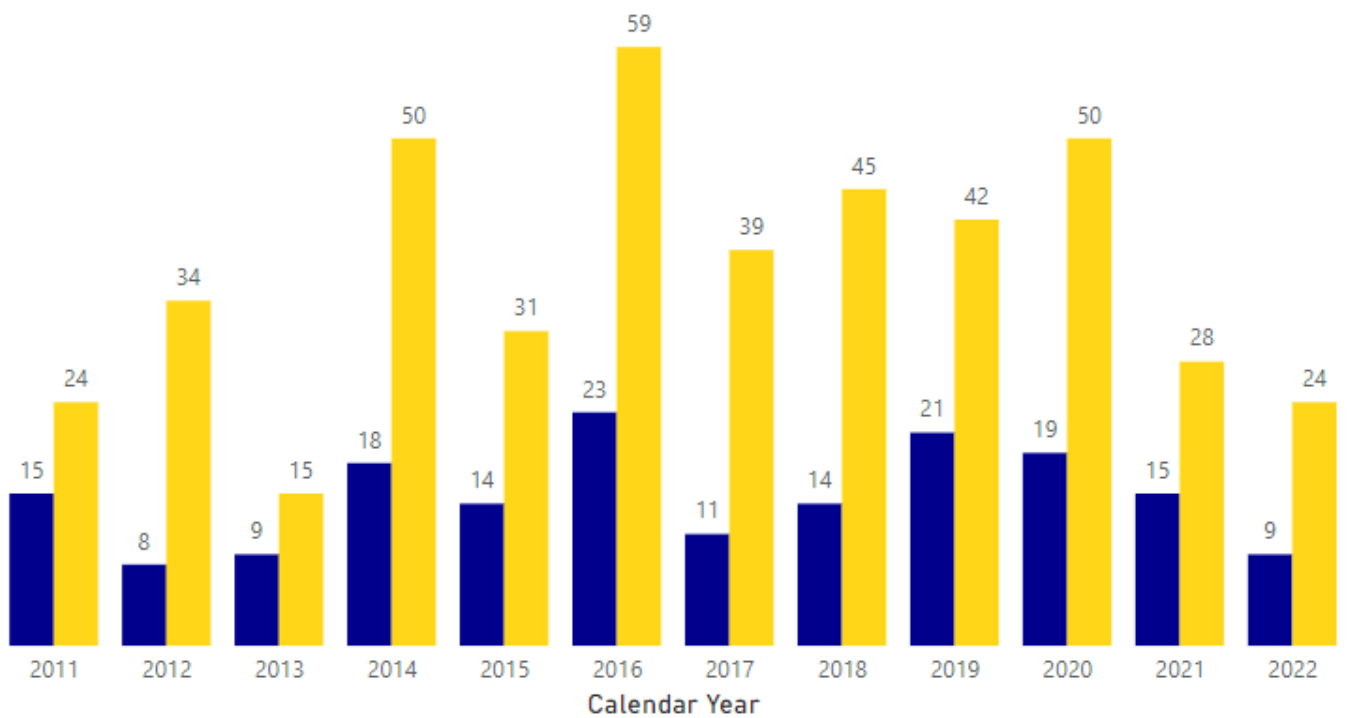
Who is raising Modifications?

Raiser: ● BSC Panel ● Incumbents ● National Grid ● Other



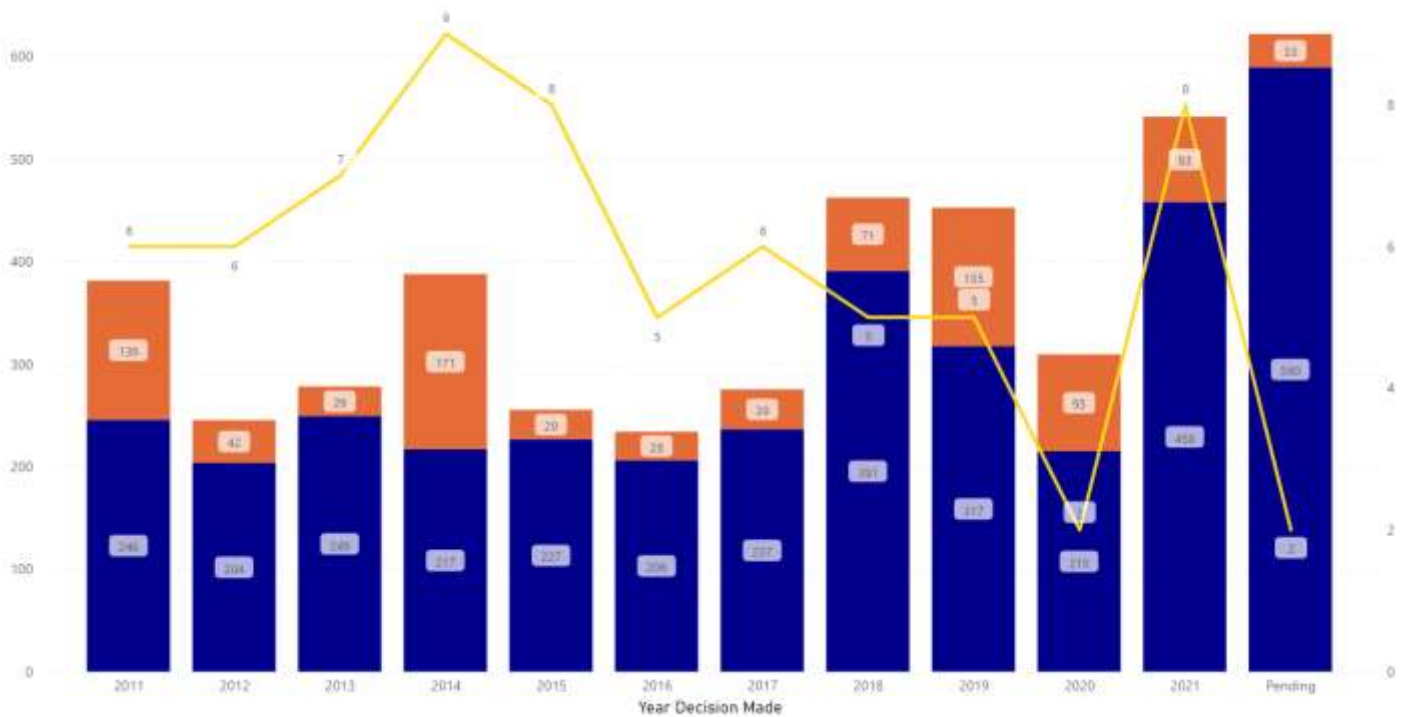
How many Modifications raised and Workgroups held?

● 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

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



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

VIII: Recommendations

We invite the Panel to:

- **APPROVE** a three-month extension to the P434 Assessment Procedure; and
- **NOTE** the contents of the August 2022 Change Report.

For more information, please contact:

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Appendix A

Key

Stage	Modifications	Change Proposals
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.