

## 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

## 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

**12 May 2022**

Paper number

**326/02**

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 April 2022 until 29 April 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: 20
- Change Proposals: 16
- Issues: 7

#### New changes since last month

- P439, CP1563, CP1564, Issue 100

#### Workgroups

- Four Workgroups held since last month's report: , P427 – 20 April, Issue 93 – 25 April, Issue 99 – 5 April
- Seven Workgroups coming up: P425 – early May, P426 – late May P432 – 6 May, P434 – 20 May, P437 – early May, Issue 96 - mid May, Issue 100 – early/mid May

#### Consultations

- Consultations closed since last month's report: P425 (AC): 17 Mar 22 – 7 Apr 22; P432 (AC): 30 March – 22 April
- Live Consultations: P395 (RC); 19 Apr 22- 19 May 2022, P415 (CBA); 4 Apr – 5 May 22, P438 (Urgent Modification Consultation) 21 April 22 – 23 May 22, P439 (RP); 19 Apr 22 – 3 May 22, March 2022 CPC: 11 Apr – 6 May (CP1563)

#### Awaiting decision

- Authority:P436

#### Decisions since last month

- Approved: P419, P435 (Ofgem approved)
- Rejected: None

Urgency Status: P438 (Ofgem approved urgency)

#### Awaiting Implementation

- **Jun 22:** P375, P431, P433, CP1527, CP1532, CP1546, CP1550, CP1552, CP1553, CP1554, CP1556, CP1557, CP1564
- **Feb 23:** P376, 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			Update
Date Raised:	7 November 2019	Proposer:	Centrica
Target Implementation Date:	November 2023	Current Status:	Report Phase
Latest Update:	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.		
Next Event:	P395 has been issued for Report Phase consultation, which will run for one calendar month (to meet requirements for EBGL assessment) returning to the Panel for its final views in June 2022. P395 will then be submitted to Ofgem for decision.		
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 <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 cost to ensure that the solution is truly enduring, consistent with regulations and scalable to domestic level.</p> <p>The Panel approved a six month extension to the Assessment Procedure to P395 on 9 April 2020 to allow for further solution development.</p> <p>Due to resource constraints and deprioritisation under the Panel's Covid-19 prioritisation approach, work on the Modification was paused until October 2020.</p> <p>The Panel approved an eight month extension to the Assessment Procedure for P395 on 10 September 2020. Elexon will return with the P395 Assessment Report at the June 2021 Panel meeting.</p> <p>Workgroup 2 – held 4 December 2020 and the Workgroup considered draft Business Requirements.</p>		

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.

<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 are continuing to engage with Ofgem and BEIS on legal matters prior to formally presenting a conclusion report to Ofgem after industry consultation was carried out on the impact of the five potential solution options. 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.		
<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>	For full details visit the <a href="#">P412 webpage</a> .  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.		

The first Workgroup meeting was held on 29 October 2020 to discuss the issue, the proposed solution, next steps and the proposed timetable.

The second Workgroup meeting was held on 27 November 2020 to consider five possible solutions and discuss the pros and cons of each option.

The third Workgroup meeting was held on 22 February 2021 to further consider the legal and technical issues with the five possible solutions.

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.

P415: Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties			Update
Date Raised:	30 September 2020	Proposer:	Enel X UK Ltd
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	Elxon have issued the Call for Evidence for P415 to inform cost-benefit analysis (CBA) analysis.		
Next Event:	The CBA is due to be presented to the Panel by presented to the Panel in July or August 2022.		
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:	For full details visit <a href="#">P415 webpage</a> .		
	Raised by Enel X UK Ltd on 30 September 2020.		
	Presented on 8 October 2020, where the Panel agreed to progress P415 to the Assessment Phase.		
	Workgroup 1 – held on 11 December and discussed the principles behind the Modification.		
	Workgroup 2 – held on 9 February and discussed more complex worked examples.		
	Workgroup 3 – held 25 March where the group considered how best to incorporate P376 functionality and considered network charging.		

Workgroup 4 - held on 27 May 2021 where the Workgroup discussed current network charging arrangements, VLP's role in the market and imbalance settlement.

Workgroup 5 -CEPA prepared a CBA options paper on behalf of the Workgroup. The paper can be found on the P415 webpage.

Workgroup 6 – held on 3 September 2021 where the Workgroup reviewed the approach to Supplier Compensation within the Cost Benefit Analysis piece.

Workgroup 7 – held on 28 October 2021 where the Workgroup continued to assess credit and reporting requirements

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

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

Workgroup 10 - held on 22 February, where CEPA presented and verified the cost-benefit analysis (CBA) methodology and assumptions with the Workgroup members.

<b>P419: Enhanced Reporting of Demand Data to the NETSO to facilitate BSUoS Reform</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>	Pending Implementation
<b>Latest Update:</b>	Ofgem approved P419 on 25 April 2022 for implementation on 23 February 2023.		
<b>Next Event:</b>	P419 will be implemented on 23 February 2023.		
<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</p>		

provide its costs and impacts at this meeting. As such, an additional meeting was required before circulating P419 for consultation.

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.

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.

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. Four responses were received, all in support of the Modification.

The Draft Modification Report was presented to the Panel on 10 February 2022, where they recommended approval. P419 was then submitted to Ofgem for decision.

Ofgem approved the extension of the “decision by” date from 31 March 2021 to 1 June 2022. This delay is a result of Ofgem’s ongoing consideration of CMP308 ‘Removal of BSUoS charges from Generation’. Ofgem considers that a decision on P419 must follow the decision on CMP308 given the interdependencies between the Modifications.

<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>	The Assessment Consultation closed on 7 April 2022 and three responses supporting the change were received. The responses will be considered by the Workgroup at a meeting to be held in May. The Workgroup initially recommend P425 is approved.		
<b>Next Event:</b>	P425 will be presented to the Panel on 10 June 2022 before the Report Phase Consultation is issued.		
<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>	<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. The Panel 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>		

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.

The Assessment Consultation was issued on 17 March 2022 with responses invited by 7 April 2022.

<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 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 due to a change in work commitments and a late change to another Voting Member's availability.		
<b>Next Event:</b>	A new date for the first Workgroup meeting will be sought. The Workgroup materials already prepared for the first meeting will be shared with the Workgroup for consideration and feedback which will ensure that the first meeting once scheduled will be more effective and efficient. The Proposer is understanding of the situation and supportive of the approach.		
<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>	<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>		

<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 third Workgroup meeting was held 20 April where the Workgroup considered the updated redlining and voted on objectives for the Modification.		

<b>Next Event:</b>	The Workgroup will reconvene once more in the W/C 2 May to finalise voting on the redlining before the Modification is sent out for Assessment Procedure Consultation.
<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>	P427 seeks to amend BSC Section Z – Performance Assurance to allow the Performance Assurance Board (PAB) to recommend that the Panel publish notices to industry in respect of Performance Assurance Parties' (PAPs') contribution to Settlement Risk along with relevant risk data. This will increase the effectiveness of all detective and investigative Performance Assurance Techniques (PATs) including Error and Failure Resolution (EFR) through greater incentives. Improved efficiency of PAF with swifter resolution rates to EFR plans and any other significant issues that impact Settlement is expected.
<b>History:</b>	The BSC Panel raised P427 following its meeting on 14 October 2021.  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.  The first Workgroup meeting was held on 19 January.  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.

<b>P430: Allow Suppliers to use metering behind the site Boundary Point</b>			<b>Update</b>
<b>Date Raised:</b>	19 November 2021	<b>Proposer:</b>	Ecotricity
<b>Target Implementation Date:</b>	- Post 2024 if system changes needed - 2023 if document only	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	Elexon took an action at the first Workgroup meeting to determine the delta between the established Asset Metering Virtual Lead Party (AMVLP) Qualification process and what would be required for a Supplier to Qualify additionally as an AMVLP. This analysis is ongoing.		
<b>Next Event:</b>	The next Workgroup meeting will be held in late May/early June 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. 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 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.
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<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 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 the Workgroup that P432 should be approved. Concerns were also raised with the proposed implementation approach, driven by MHHS causing capacity issues.		
<b>Next Event:</b>	The Workgroup will consider the responses to the Consultation and provide its final views and recommendations to the Panel in early June. We are seeking feedback on the use, for the first time, of a digital consultation form and will report to the Panel at its June meeting.		
<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> <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>		

<b>P434: Mandate to Half Hourly Settle the Non-Half Hourly Unmetered Supplies Metering Systems</b>			<b>Update</b>
<b>Date Raised:</b>	3 February 2022	<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 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.		
<b>Next Event:</b>	The second P434 Workgroup meeting will take place 20 May, the objective for the meeting will be to agree the solution for the Assessment Consultation. Delays with P432 have affected the timeline for P434 caused by capacity issues with the Workgroup and Elexon.		
<b>Extension Request</b>	We therefore request a three month extension for P434. We have planned for a fourth contingency Workgroup. Should this not be needed, we will present the Assessment Report to Panel at its meeting on 11 August, otherwise at its meeting on 12 September.		
<b>Issue:</b>	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		
<b>Current Solution:</b>	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.		
<b>History:</b>	P434 was raised by Npower Commercial Gas Limited on 3 February 2022.  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.		

<b>P435: Enabling EMRS to undertake preparatory work for potential future settlement services</b>			<b>Update</b>
<b>Date Raised:</b>	10 February 2022	<b>Proposer:</b>	Low Carbon Contracts Company (LCCC)
<b>Target Implementation Date:</b>	+5 Working Days after Authority Decision	<b>Current Status:</b>	Awaiting Implementation
<b>Latest Update:</b>	On 14 April 2022, Ofgem approved P435 for implementation five Workgin Days later on 25 April 2022.		
<b>Next Event:</b>	P435 will be implemented on 25 April 2022		
<b>Issue:</b>	Currently, the BSC does not permit Electric Market Reform (EMR) Settlement to offer its expertise and experience to LCCC for any purpose other than Contract for Difference (CfD) and Capacity Market (CM) Settlement.		
<b>Current Solution:</b>	P435 seeks to enable EMRS to undertake preparatory work (such as exploring the development of processes and systems) on behalf of the LCCC/ESC, in order to facilitate the implementation of any new schemes established or proposed to be established by the Secretary of State (SoS) from time to time.		
<b>History:</b>	The LCCC requested designation to raise this Modification on 27 January 2022. The BSC Panel designated LCCC (who are not a BSC Party) to raise P435 at their meeting on 10 February 2022. The Panel agreed to progress P435 directly to the Report Phase Consultation.		

	<p>The Report Phase Consultation opened on Tuesday 15 February 2022, with comments welcomed by 5pm Tuesday 1 March 2022.</p> <p>The P435 Draft Modification Report was presented to the Panel at its meeting on Thursday 10 March, where the Panel unanimously recommended to Ofgem that P435 should be approved.</p> <p>The Final Modification Report was submitted to Ofgem on Wednesday 16 March 2022.</p>
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<b>P436: Consequential BSC changes for Switching SCR (REC 3.0)</b>		<b>Update</b>	
<b>Date Raised:</b>	2 February 2022	<b>Proposer:</b>	Ofgem
<b>Target Implementation Date:</b>	REC 3.0 effective date	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	The Panel considered the draft Authority led SCR Modification Report and recommended approval of P436 at its meeting on 14 April 2022.		
<b>Next Event:</b>	Awaiting Authority Decision.		
<b>Issue:</b>	Ofgem's Switching Significant Code Review (SCR) is part of Ofgem's Switching Programme. It will introduce a harmonised dual-fuel Central Switching Service (CSS) supported by version 3.0 of the Retail Energy Code (REC 3.0). Consequential changes to the BSC and its Code Subsidiary Documents (CSDs) are needed to implement the End-to-End Business Process Design developed by the Switching Programme and specifically to align the BSC with REC 3.0.		
<b>Current Solution:</b>	P436 will amend the BSC and CSDs to set out the new relationship between the REC's CSS and the Supplier Meter Registration Service (SMRS). P436 will also transfer ownership of pre-existing SMRS provisions and data flows from the Master Registration Agreement (MRA) to the BSC. REC 3.0 also requires Elexon to provide the REC Code Manager with ongoing updates to electricity Market Participant Role information, for use in CSS.		
<b>History:</b>	<p>Ofgem raised P436 on 2 February 2022.</p> <p>P436 was presented to the Panel at its meeting on 10 February 2022 where the Panel agreed to send the Modification for a 1 month industry consultation (due to the impacts on BSC provisions that constitute EBGL article 18 balancing terms and conditions) on 16 February 2022 with responses invited until 16 March 2022. The Panel initially recommended P436 is approved.</p> <p>The P436 Report Phase Consultation closed on 16 March 2022 and received one response in support of P436.</p>		

<b>P437: Allowing non-BSC Parties to request Metering Dispensations</b>		<b>Update</b>	
<b>Date Raised:</b>	10 March 2022	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	+5 Working Days after Authority Decision	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The BSC Panel, on the recommendation of Elexon, raised P437 at its meeting on Thursday 10 March 2022. The Panel agreed to progress P437 to the Assessment phase.		
<b>Next Event:</b>	The first Workgroup meeting is scheduled to be held in early May The purpose of the first P437 meeting is to consider the background of P437, review the terms of reference and consider any potential solutions which may require further development for discussion at future meetings.		
<b>Issue:</b>	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.
<b>Current Solution:</b>	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.
<b>History:</b>	The BSC Panel raised P437 at its meeting on 10 March 2022.

<b><u>P438: Amending the BSC to address sanction orders</u></b>			<b>Update</b>
<b>Date Raised:</b>	29 March 2022	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	+1 WD following Authority decision	<b>Current Status:</b>	Consultation (under urgent timetable)
<b>Latest Update:</b>	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.		
<b>Next Event:</b>	An Urgent Panel meeting will consider responses to the P438 consultation on 25 May 2022 (2WD following consultation closure).		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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		
<b>History:</b>	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.		

<b><u>P439: Enabling BSCCo to undertake development of the EDA-based Data Integration Platform</u></b>			<b>New</b>
<b>Date Raised:</b>	6 April 2022	<b>Proposer:</b>	Ofgem
<b>Target Implementation Date:</b>	+5 Working Days after Authority Decision	<b>Current Status:</b>	Authority Led SCR Modification Proposal Consultation
<b>Latest Update:</b>	The P439 Consultation was issued on 19 April 2022, with responses due 3 May 2022.		
<b>Next Event:</b>	Consultation responses will be considered by the Panel at its meeting on 12 May 2022.		
<b>Issue:</b>	Ofgem have proposed that an Event Driven Architecture (EDA) based Data Integration Platform (DIP) is developed by Elexon in its capacity as the Market-wide Half Hourly Settlement (MHHS) Implementation Manager. However, Elexon is only permitted to undertake the activities outlined in BSC Section C 'BSCCo and its Subsidiaries' and this does not include the DIP development.		

<b>Current Solution:</b>	The proposed solution is for Elexon's functions and vires as Implementation Manager to be expanded to encompass the procurement and development of the EDA-based DIP.
<b>History:</b>	<p>Ofgem raised P439 on 6 April 2022 as an Authority Led SCR Modification.</p> <p>This Modification was presented by the Proposer to the BSC Panel on 14 April 2022, where they agreed P439 should be progress straight to the Report Phase with an initial recommendation it should be approved.</p>

## II. Change Proposal Updates – up until Decision

CP1558: New Registration data items and processes to support the MHHS transition			Update
<b>Date Raised:</b>	16 February 2022	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	23 February 2023	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	The consultation for CP1558 closed on 1 April 2022.		
<b>Next Event:</b>	CP1558 responses will be presented to the SVG on 3 May 2022 for comment and will then be re-issued for a second consultation on 9 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 will have the redlining on the REC 3.0 baseline of BSCP501.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	CP1558 will introduce new Registration Service data items and supporting BSC processes into existing SMRS systems to support the MHHS transition.		
<b>History:</b>	<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>		

<b>CP1559: Complex Sites Process Improvements</b>			<b>Update</b>
<b>Date Raised:</b>	22 February 2022	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	3 November 2022	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	CP1559 was issued for consultation on 7 March 2022 with responses invited by 1 April 2022. There were 5 responses unanimously in favour of the solution.		
<b>Next Event:</b>	CP1559 will be presented to the SVG for decision at its meeting on 3 May 2022.		
<b>Issue:</b>	The Issue 88 Workgroup recommended several improvements to the Complex Sites process. This recommendation was based on a perceived lack of clarity and efficiency in the existing arrangement.		
<b>Current Solution:</b>	The main recommendation from the Issue 88 Workgroup was the introduction of a standardised Complex Site Supplementary Information Form, and to make clear its use will be mandatory. Other process improvements to improve clarity will also be introduced.		
<b>History:</b>	CP1559 was raised by Elxon on 22 February 2022. CP1559 was presented to the SVG on 1 March 2022.		

<b>CP1560: Demand Control Event Settlement Adjustment Process Clarifications</b>			<b>Update</b>
<b>Date Raised:</b>	3 March 2022	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	3 November 2022	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	The CP1560 Consultation closed on 1 April 2022. Three responses were received in support of the change.		
<b>Next Event:</b>	CP1560 will be presented to the ISG and SVG at their respective meetings on 3 May 2022, for decision.		
<b>Issue:</b>	The Settlement Adjustment Processes (SAPs) that were performed immediately after the Demand Control Event (DCE) that occurred in August 2019 (DCE00201) were hindered by a lack of clarity and consistency in the relevant Balancing and Settlement Code Procedures (BSCPs). This CP delivers against some of the recommendations of Issue 89 'Ensuring Demand Control Event procedures remain fit for purpose', which was raised as a 'lessons learned' exercise after the DCE.		
<b>Current Solution:</b>	This CP seeks to clarify the processes that take place after a Demand Control Event by amending the relevant Code Subsidiary Documents to ensure clarity and consistency.		
<b>History:</b>	CP1560 was raised by Elxon on 3 March 2022.  CP1560 was issued for Consultation on Monday 7 March 2022 with responses invited by 1 April 2022.		

<b>CP1561: Updating SVA DC Volume 1 and 2 for CP1546</b>			<b>Update</b>
<b>Date Raised:</b>	1 March 2022	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	The CP1561 Consultation concluded on 1 April 2022, with two responses received from Industry representing a Supplier and Supplier Agent. The Supplier Agent was in favor of CP1561 while the Supplier disagreed with the solution. The rationale for disagreeing with CP1561 was in relation to the solution from CP1546 not CP1561 which was raised to correct an omission in the solution. Elxon explained this to the respondent, resulting in them withdrawing their initial response that was in disagreement.		

<b>Next Event:</b>	The CP1561 Assessment Report will be presented to the SVG for decision at its meeting in on 3 May 2022, for decision.
<b>Issue:</b>	CP1546 introduced two new mandatory data flows and their associated data items, for use in BSCP520 'Unmetered Supplies' after June 2022. However, during the assessment of CP1546, the SVA Data Catalogue Volume 1 and 2 were missed from the impacted documents, therefore, not updated to reflect the new data flow and data items.
<b>Current Solution:</b>	CP1561 looks to update the Supplier Volume Allocation (SVA) Catalogue Volume 1 and 2 to include the approved data flows and data items from CP1546.
<b>History:</b>	CP1561 was raised by Elexon on 1 March 2022.  CP1561 was issued for Consultation on Monday 7 March 2022 with responses invited by Friday 1 April 2022.

<b>CP1562: Amendment to the approved IDD changes for P375</b>			<b>Update</b>
<b>Date Raised:</b>	1 March 2022	<b>Proposer:</b>	Elexon
<b>Target Implementation Date:</b>	30 June 2022	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	The CP1562 Consultation concluded on 1 April 2022, with two responses received from Industry representing a Supplier and Supplier Agent. The Supplier Agent was in favor of CP1561 while the Supplier disagreed with the solution. The rationale for disagreeing with CP1562 was mostly in relation to the solution from P375 and not CP1562, which was raised to correct an omission in the solution from P375. However, the respondent wanted some clarity on an aspect of the redlining, which Elexon provided. This resulted in them withdrawing their initial response, approving CP1562 for implementation in June 2022.		
<b>Next Event:</b>	The CP1562 Assessment Report will be presented to the SVG for decision on 3 May 2022.		
<b>Issue:</b>	Through internal design discussions, we have identified some inconsistencies in the NETA Interface Design and Document Part 1 and 2 that were approved under P375.		
<b>Current Solution:</b>	CP1562 seeks to update the NETA Interface Definition Documents Part 1 and 2 that were approved under P375, to provide clarity to the relevant Parties that make use of the document.		
<b>History:</b>	CP1562 was raised by Elexon on 1 March 2022.  CP1562 was issued for Consultation on Monday 7 March 2022 with responses invited by Friday 1 April 2022.		

<b>CP1563: Altering the Trigger Point for CT Commissioning</b>			<b>New</b>
<b>Date Raised:</b>	5 April 2022	<b>Proposer:</b>	Northern Power Grid
<b>Target Implementation Date:</b>	3 November 2022	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	CP1563 was issued for Consultation on 11 April 2022 with responses invited by 6 May 2022.		
<b>Next Event:</b>	Following the closure of the consultation on 6 May 2022, CP1563 will be presented to the SVG at its meeting on 7 June 2022, for decision.		
<b>Issue:</b>	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.
<b>Current Solution:</b>	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.  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 16WD after receipt of D0139 if MOA energises.
<b>History:</b>	CP1563 was raised on 5 April by Northern Power Grid.

CP1564: Amendments to the approved IDD spreadsheets for P399 to correct a defect impacting sub-flows 3 & 4 of the SAA-I014 Settlement Reports			New
Date Raised:	20 April 2022	Proposer:	Elexon
Target Implementation Date:	30 June 2022	Current Status:	Awaiting Implementation
Latest Update:	CP1564 was approved by the ISG as a Housekeeping CP on 19 April 2022 and approved for implementation as part of the June 2022 Standard BSC Release.		
Next Event:	BSC Parties and Party Agents have until 11 May 2022 to object treating CP1564 as a Housekeeping CP. If no objections are received, CP1564 will be implemented on 30 June 2022 as part of the June 2022 Standard BSC Release.		
Issue:	Following the implementation of P399 'Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data' Elexon identified an error in the P399 Interface Definition and Design (IDD) spreadsheets and presented revised versions of the IDD spreadsheets in which the error had been corrected to the ISG for approval on 5 October 2021. These versions became effective on 4 November 2021, as part of the standard November 2021 Balancing and Settlement Code (BSC) Release. Elexon subsequently became aware that other changes had been introduced erroneously into the IDD spreadsheets when the original error was corrected, these changes also need to be corrected.		
Current Solution:	The proposed solution for this CP is to amend the NETA IDD Part 1 and Part 2 spreadsheets to correct the errors impacting sub-flows 3 and 4 of the SAA-I014 Settlement Reports.		
History:	CP1564 was raised by Elexon on 20 April 2022.		

### 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 seventh Workgroup meeting was held on Monday 21 March 2022. The Issue Group, on the recommendation of Elexon, agreed to progress a new Change Proposal, which seeks to address one of the remaining Aspects of Issue 93.</p> <p>A subgroup meeting is scheduled on Monday 25 April 2022, to discuss the Remote Communications Aspect of Issue 93.</p>		
<b>Next Event:</b>	The eighth Issue 93 Workgroup meeting will be held in late May.		
<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>	Elexon
<b>Latest Update:</b>	The first Issue 95 meeting took place on 16 February, where Elexon provided a background introduction to the Issue and took the group through a series of questions to clarify the next steps for the TIBCO service.		
<b>Next Event:</b>	Elexon are continuing to collating feedback from issue group members and determining appropriate next steps for consideration of this information.		
<b>Issue:</b>	This Issue Group seeks to establish the future of the TIBCO messaging service with the migration of BMRS as part of Elexon's transformation programme. Elexon is building a new Solution for BMRS and need to understand views from BSC Parties to improve value with regards to data publications. Elexon believe it is now important to re-examine the requirements of BSC Parties and BMRS users in relation to the longevity and current implementation of the BSC obligations with respect to TIBCO.		

**Issue 96: Assessing the reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply**
**Update**

<b>Date Raised:</b>	6 August 2021	<b>Proposer:</b>	UC Energy Ltd
<b>Latest Update:</b>	Following the second Issue 96 Workgroup, Elexon is working with potential Proposers to raise a Modification. Another Workgroup meeting is being arranged to be held in mid-May to discuss whether an interim solution should also be progressed.		
<b>Next Event:</b>	The third Workgroup meeting is expected to be held in mid-May.		
<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.		

**Issue 97: Impact of CT Meter stock shortage on the BSC due to global shortage of semiconductors following COVID-19**
**Update**

<b>Date Raised:</b>	20 August 2021	<b>Proposer:</b>	Elexon
<b>Latest Update:</b>	The third and final Workgroup was held on 7 March 2022 where the group decided to close the Issue as no BSC changes were to come out of the Issue Group. Elexon agreed to continue to monitor the issue of Meter shortage and keep industry updated by publishing quarterly forecasts from Meter Manufacturers and monthly forecasts from other Parties.		
<b>Next Event:</b>	The Issue 97 Issue Report will be tabled at the May 2022 BSC Panel meeting.		
<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>Update</b>
<b>Date Raised:</b>	13 October 2021	<b>Proposer:</b>	Energy UK
<b>Latest Update:</b>	The third and final Workgroup was held on 9 March where the group decided to close the Issue. The group decided on a number of solutions options including a Grid Code wording change, introducing multiple sets of dynamic parameters, introducing explicitly model sub-assets and introducing dynamic Stable Export Limit (SEL)/Stable Import Limit (SIL). These options would involve progressing Grid Code Modifications. Following the final Workgroup meeting, NGESO has done work to find out what options are available for change under their legacy systems. Findings will be included in the Issue Report.		
<b>Next Event:</b>	The Issue 98 Issue Report will be tabled at the June 2022 BSC Panel meeting.		
<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>		

<b>Issue 99: Review the use of the D0215 flow and its associated processes</b>			<b>Update</b>
<b>Date Raised:</b>	2 March 2022	<b>Proposer:</b>	UK Power Networks
<b>Latest Update:</b>	<p>UK Power Networks raised Issue 99 on 2 March 2022.</p> <p>The first Workgroup meeting was held on Tuesday 5 April 2022. The objective of that meeting was to provide an overview of Issue 99 to the Issue Group, and to determine the next steps.</p>		
<b>Next Event:</b>	A Request for Information (RFI) is currently being drafted, which will seek to understand the value of the D0215 data flow to Suppliers and Supplier Volume Allocation (SVA) Meter Operator Agents (MOAs).		
<b>Issue:</b>	<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>		

<b>Issue 100: Assessing BSC Black Start processes to support NGESO's Distributed ReStart project</b>			<b>New</b>
<b>Date Raised:</b>	5 April 2022	<b>Proposer:</b>	National Grid ESO
<b>Latest Update:</b>	Issue 100 was raised by National Grid ESO on 5 April 2022.		
<b>Next Event:</b>	The first Issue Group meeting is due to be held W/C 9 or 16 May 2022.		
<b>Issue:</b>	National Grid Electricity System Operator'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.

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.

The Issue Group will consider any BSC impacts and whether any changes to the BSC, Code Subsidiary Documents or BSC systems are required.

## IV. Progression of Modifications – up until implementation

Key	Initial Written Assessment:	Assessment Procedure: AR: Assessment Report APC: Assessment Procedure Consultation	Report Phase: RPC: Report Phase Consultation DMR: Draft Modification Report FMR: Final Modification Report	WA: With Authority Awaiting Decision	AI: Awaiting Implementation	I: Implementation	CBA: Cost/Benefit Analysis
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Mod	Title	Proposer	Date Raised	Urgent		Mar	Apr	May	Jun	Jul	Aug	Sep
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 2016	No								
P375	Settlement of Secondary BM Units using metering behind the site Boundary Point	Flexitricity	10 Dec 2018	No								
P376	Utilising a Baselining 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		Mar	Apr	May	Jun	Jul	Aug	Sep
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No				AR	DMR/ FMR			
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								
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	NGESO	6 May 2021	No		WA						
P421	Align the BSC with Grid Code Modification GC0144 for TERRE Market Suspension	NGESO	1 July 2021	No		I						

Mod	Title	Proposer	Date Raised	Urgent		Mar	Apr	May	Jun	Jul	Aug	Sep
P425	Amendment to the definition of Shared SVA Meter Arrangement	E.ON Energy Solutions	6 Oct 2021	No		APC	AR		RPC	DMR/ FMR		
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation	Drax Energy Solutions Limited	11 Oct 2021	No						APC	AR	DMR
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	BSC Panel	14 Oct 2021	No			RPC	APC		AR/ RPC	DMR/ FMR	AI
P428	Correction to P376 Legal Text	BSC Panel	11 Nov 2021	No								
P430	Allow Suppliers to use metering behind the site Boundary Point	Ecotricity	19 Nov 2021	No							AR	DMR
P431	Post Brexit Agreement Updates	NGESO	24 Nov 2021	No					I			
P432	Half Hourly Settlement for CT Advanced Metering Systems	Npower Commercial Gas	2 Dec 2021	No		APC				AR/ RPC	DMR/ FMR	WA
P433	Updating the P375 legal text to align with the post-P420 BSC	BSC Panel	9 Dec 2021	No					I			

Mod	Title	Proposer	Date Raise	Urgent		Mar	Apr	May	Jun	Jul	Aug	Sep
P434	Mandate to Half Hourly Settle the Non-Half Hourly Unmetered Supplies Metering	Npower Commercial Gas Limited	3 Feb 2022	No		APC			AR	DMR/FMR	WA	
P435	Enabling EMRS to undertake preparatory work for potential future settlement services	LCCC	10 Feb 2022	No		DMR/FMR	WA	I				
P436	Consequential BSC changes for Switching SCR (REC 3.0)	Ofgem	2 Feb 2022	No			DMR/FMR	AI		I		
P437	Allowing non-BSC Parties to request Metering Dispensations	BSC Panel	10 Mar 2022	No		IWA	APC				AR	DMR
P438	Amending the BSC to address sanction orders	NGESO	29 Mar 2022	Yes		IWA	RPC	DMR/FMR	WA			
P439	Enabling EDA-based Data Integration Platform Development	Ofgem	6 Apr 2022	No		IWA	RPC	DMR/FMR	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
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CP	Title	Proposer	Date Raised		Mar	Apr	May	Jun	Jul	Aug	Sep
CP1527	Increase the minimum data storage capacity for Settlement Outstations and mandate specific selectable integration periods for Metering Codes of Practice	Elxon	27 Jan 2020					I			
CP1532	Reduce Half Hourly Change of Supplier timelines to meet the Initial Settlement Run	Elxon	8 Jul 2020					I			
CP1546	Introducing Data Transfer Catalogue (DTC) flows to transfer UMS Summary Inventories and Control files	Elxon	8 Jul 2021					I			
CP1550	Updates to monitoring of voltage failure alarms requirements	Elxon	6 Oct 2021					I			

CP	Title	Proposer	Date Raised		Mar	Apr	May	Jun	Jul	Aug	Sep
CP1552	Reflecting BSCP501 timeframes in BSCP520 processes	Western Power Distribution	3 Nov 2021					I			
CP1553	Meters and Current Transformers minimum accuracy classes	Elexon	4 Nov 2021					I			
CP1554	Future proofing the measurement transformer standards	Elexon	4 Nov 2021					I			
CP1556	Adding P-flows and a testing process to the BSCP70 and Communication Requirements	Elexon	7 Dec 2021		AI			I			
CP1557	Housekeeping change to update CP1532 solution	Elexon	7 Dec 2021					I			
CP1558	New Registration data items and processes to support the MHHS transition	Elexon	16 Feb 2022		PP/ CPC	CPC	CPC	CPC	AR		
CP1559	Complex Sites Process Improvements	Elexon	22 Feb 2022		PP/ CPC	CPC	AR	AI			
CP1560	Demand Control Event Settlement Adjustment Process Clarifications	Elexon	3 Mar 2022		PP/ CPC	CPC	AR	AI			
CP1561	Updating SVA DC Volume 1 and 2 for CP1546	Elexon	1 Mar 2022			PP/ CPC	CPC	AR	I		

CP	Title	Proposer	Date Raised		Mar	Apr	May	Jun	Jul	Aug	Sep
CP1562	Amendments to the approved IDD changes for P375	Elexon	1 Mar 2022		PP/ CPC	CPC	AR	I			
CP1563	Altering the Trigger Point for CT Commissioning	Northern Power Grid	5 April 2022			PP/ CPC	CPC	AR	AI		
CP1564	Amendments to the approved IDD spreadsheets for P399 to correct a defect impacting sub-flows 3 & 4 of the SAA-I014 Settlement Reports	Elexon	20 April 2022			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.

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	
CP1556	Adding P-flows to the BSCP70 'CVA Qualification Testing for Parties and Party Agents' and Communication Requirements Document.	Document Only	7. Implementation Phase	
CP1557	Housekeeping Change to CP1532 Solution	Document Only	7. Implementation Phase	
CP1564	Amendments to the approved IDD spreadsheets for P399	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	6. Authority Decision / SG Appeal Window	
P428	Correction to P376 Legal Text	Document Only	7. Implementation Phase	

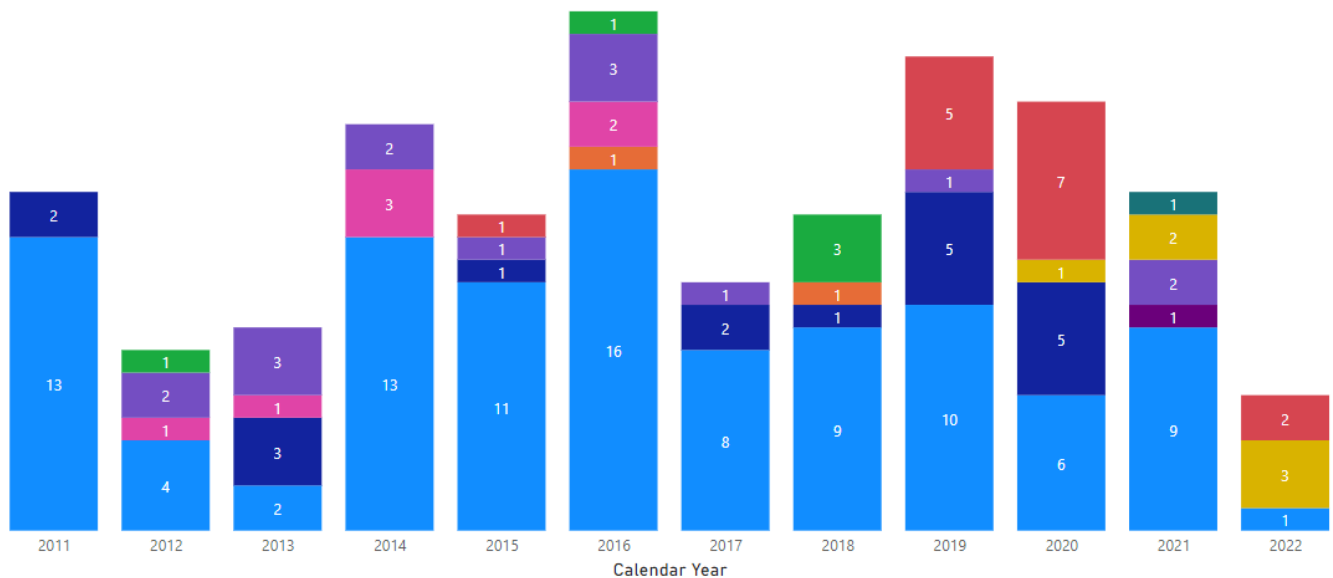
Ad Hoc Releases				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Implementation Date
P435	Enabling EMRS to undertake preparatory work for potential future settlement services to LCCC	Document Only	7. Implementation Phase	5 WDs after Authority decision
P436	Switching Programme SCR Mod	System	6. Authority Decision / SG Appeal Window	REC 3.0 effective date
P438	Amending the BSC to address sanction orders	Document Only	4. Assessment / Consultation Phase	1WD 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	5. Report / Panel Decision 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
P425	Amendment to the definition of Shared SVA Meter Arrangement	Document Only	4. Assessment / Consultation 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
P430	Allow Suppliers to use metering behind the site Boundary Point	System	4. Assessment / Consultation Phase	Feb 24
P432	Half Hourly Settlement for CT Advanced Meters	Document Only	4. Assessment / Consultation Phase	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
P439	Enabling BSCo to undertake development of the EDA-based Data Integration Platform	Document Only	5. Report / Panel Decision Phase	5WD after Authority decision
P437	Allowing non-BSC Parties to request Metering Dispensations	Document Only	4. Assessment / Consultation Phase	Nov 22
CP1558	New Registration data items and processes to support the transition to MHHS	Document Only	4. Assessment / Consultation Phase	Jun 22
CP1559	Complex Sites Process Improvements	Document Only	5. Report / Panel Decision Phase	Nov 22
CP1560	Demand Control Event (DCE) Settlement Adjustment Process clarifications	Document Only	5. Report / Panel Decision Phase	Nov 22
CP1561	Updating SVA DC Volume 1 and 2 for CP1546	Document Only	5. Report / Panel Decision Phase	Jun 22
CP1562	Amendments to the approved Interface Definition Document (IDD) changes for P375	Document Only	5. Report / Panel Decision Phase	Jun 22
CP1563	Altering the Trigger Point for CT Commissioning	Document Only	4. Assessment / Consultation Phase	Nov 22

## VII. Modification Trend Chart

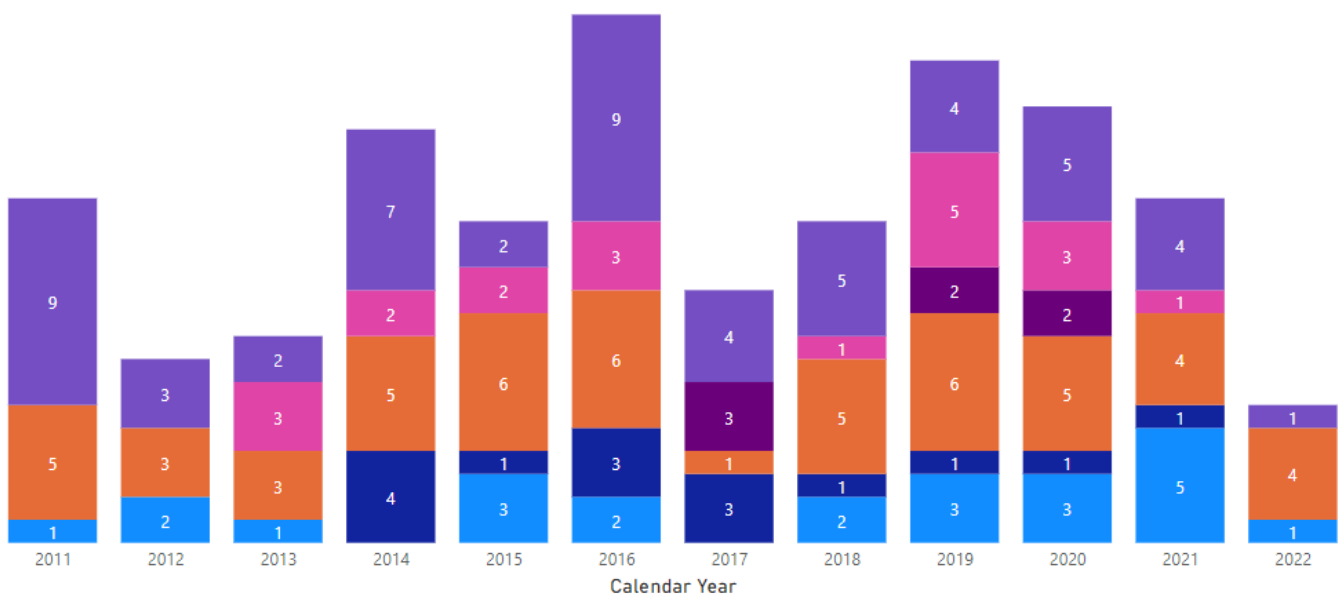
What's driving the raising of Modifications?

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



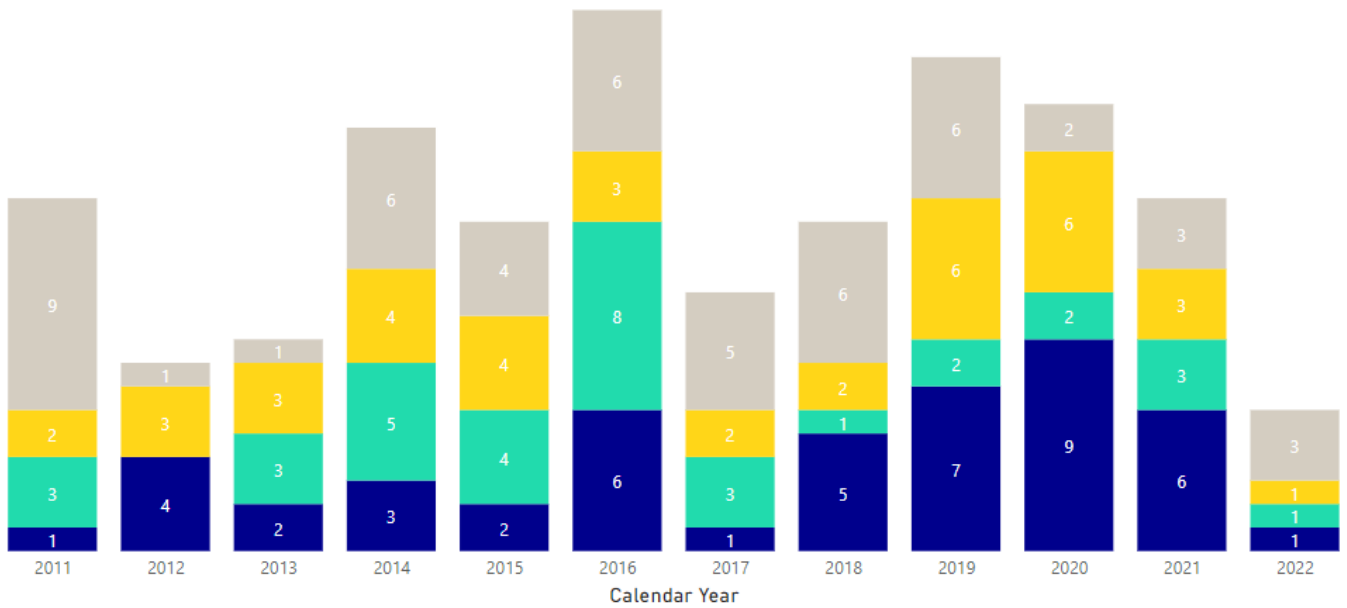
What type of Modifications are being raised?

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



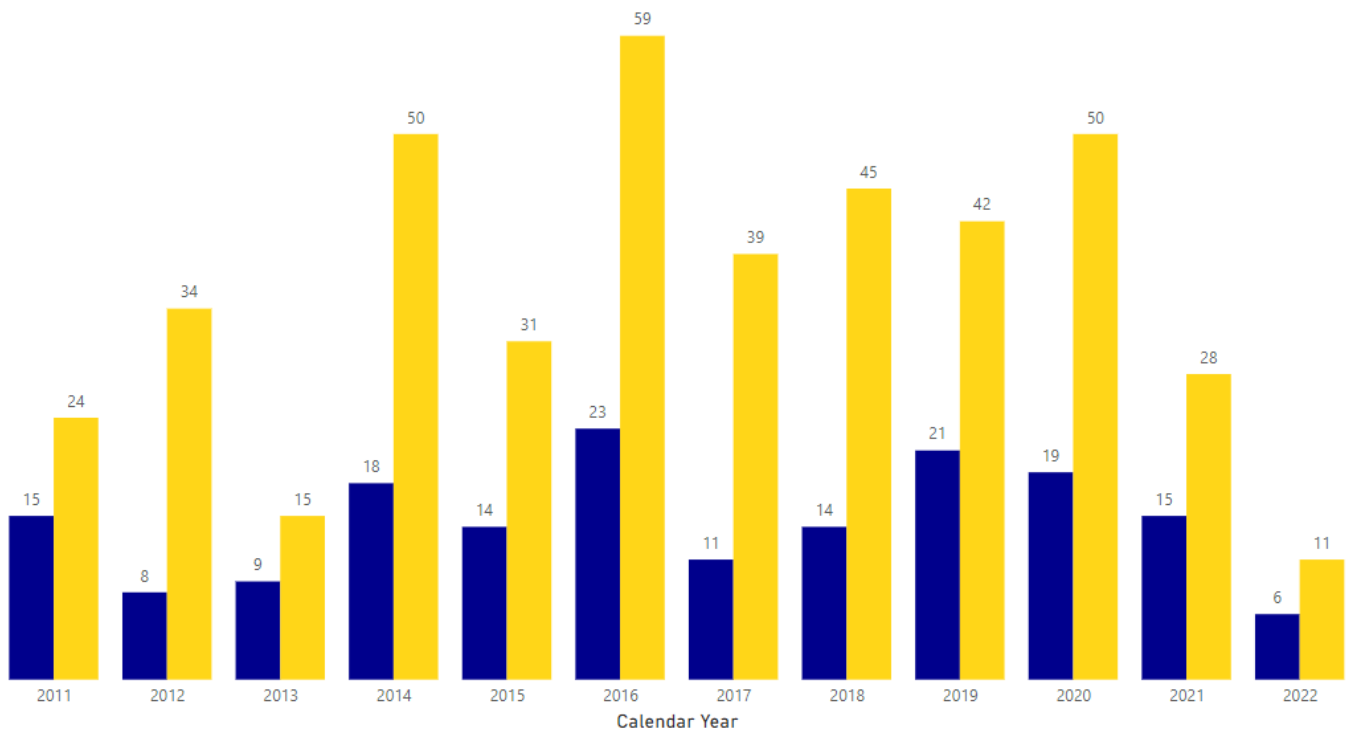
## Who is raising Modifications?

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



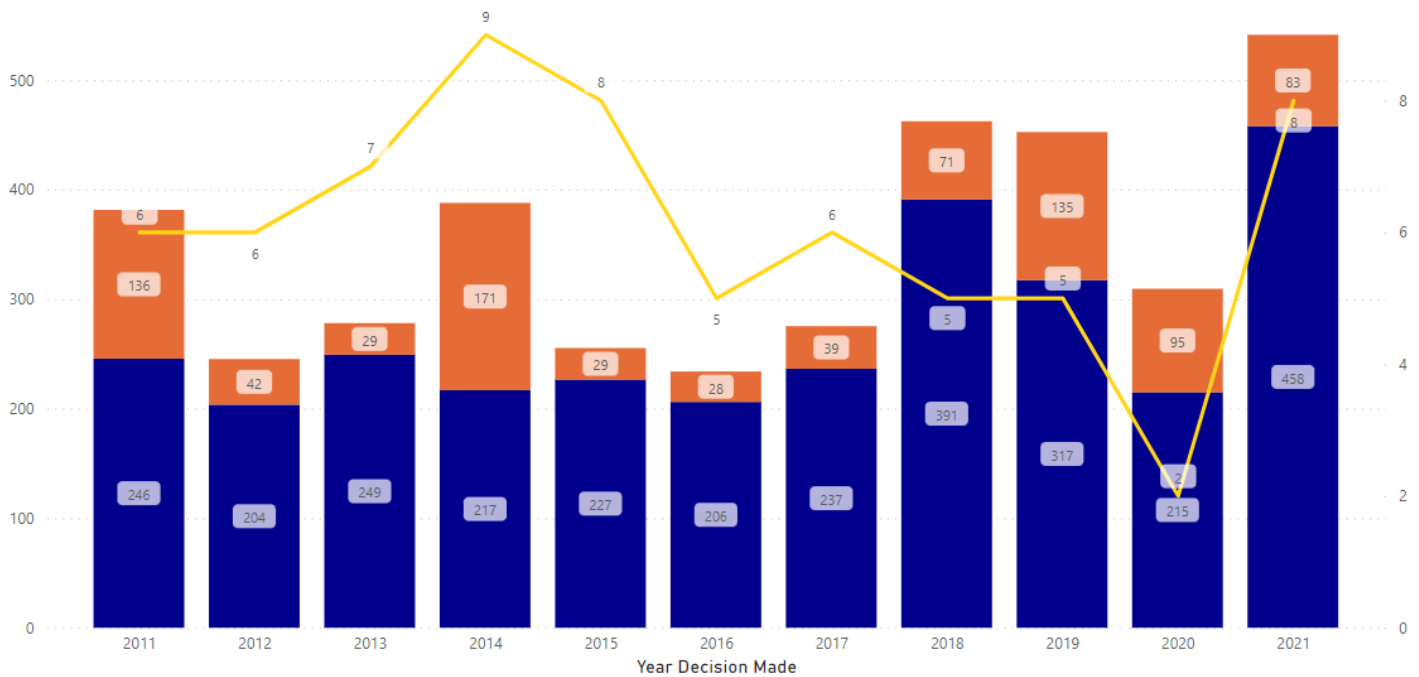
## How many Modifications raised and Workgroups held?

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

## VIII: Recommendations

We invite the Panel to:

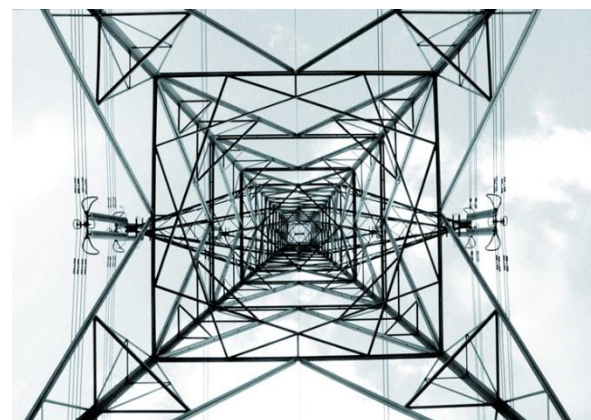
- **APPROVE** a three-month extension to the P434 Assessment Procedure; and
- **NOTE** the contents of the May 2022 Change Report.

**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.