
BSC Change Report

Date of meeting **8 February 2024**

Paper number **347/02**

Owner/author **Ivar Macsween**

Purpose of paper **For Decision**

Classification **Public**

Document version **V1.0**

Summary **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 18 December 2023 until 12 January 2024.**

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: 16
- Change Proposals: 9
- Issues: 4

New changes since last month:

- P466, Issue 110

Workgroups

- Three Workgroup held since last month’s report: P462 – 16 January, P463 – 19 December, Issue 101 – 19 December, Issue 101 – 9 January
- Seven Workgroups coming up: P441 – February, P455 – late January, P459 – February, P462 – Mid February Issue 101 – 29 February, Issue 109 – Mid February, Issue 110 – 9 February

Consultations

- Consultations closed since last month’s report: P455 APC 15 December – 19 January, CP1591 11 December - 10 January
- Live Consultations: P442 RPC 21 December – 22 January, P466 19 January – 19 February
- Consultations coming up: Issue 101 24 January – 21 February

Extension requests

- P463

Awaiting decision (decision cut-off)

- Authority: P461 (7 May 2024 (November 2024 Release)/ 27 August 2024 (February 25 Release), P451, P454

Decisions since last month

- Approved: CP1586, CP1587, CP1588, CP1590, P432
- Rejected: None

Awaiting Implementation

- **Feb 24:** CP1578, CP1582, CP1584, CP1586, CP1587, CP1588, CP1590, P464
- **Nov 24:** P415, P465

Contents

| | |
|---|-----------|
| BSC Change Report | 1 |
| I. Modification Updates – up until decision | 3 |
| II. Change Proposal Updates – up until decision | 22 |
| III. Issue Updates | 27 |
| IV. Progression of Modifications – up until implementation | 29 |
| V. Progression of Change Proposals – up until implementation | 32 |
| VI. BSC Releases Road Map | 34 |
| VII. Modification Trend Chart | 35 |
| VIII: Recommendations | 38 |
| Appendix A | 39 |

I. Modification Updates – up until decision

| P412: Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy | | | | | No Update | | |
|---|--|---------|-----------------|--------|-------------------------------|--------|-----|
| Date Raised: | 3 September 2020 | | Proposer: | | NGESO | | |
| Target Implementation Date: | TBC | | Current Status: | | Assessment Procedure: on-hold | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Sep 20 | On-hold | Aug 24 | Sep 24 | Oct 24 | Oct 24 | TBC |
| Latest Update: | At its October 2023 meeting, the Panel approved a nine month extension to the Assessment Procedure in order for NGESO to conclude its work with DESNZ and Ofgem on how the Clean Energy Package requirements can be best met. The Panel agreed that minimal effort should be invested into this until work is able to properly resume. | | | | | | |
| Next Event: | Elexon are expecting NGESO’s recommendation report, following which either further Workgroup meetings may be needed to develop the P412 solution or NGESO may withdraw the Modification. | | | | | | |
| 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 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.</p> <p>The 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 approved 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. The Panel approved a six month extension to the Assessment Procedure at its meeting on 14 July 2022.</p> <p>At its January 2023 meeting, the Panel approved a nine month extension to the Assessment Procedure in order for NGESO to conclude its work with DESNZ and Ofgem on how the Clean Energy Package requirements can be best met.</p> | | | | | | |

| | |
|--|---|
| | At its October 2023 meeting, the Panel approved an additional nine month extension to the P412 Assessment Procedure to allow additional time for NGESO to submit its impact assessment and recommendation report, following which it is expected that the Workgroup will need to reconvene to consider the outcome. |
|--|---|

| P432: Half Hourly Settlement for CT Advanced Metering Systems | | | | | | Update | | |
|---|---|--------|-----------------|--------|-------------------------------|--------|--------|-------------|
| Date Raised: | 2 December 2021 | | Proposer: | | Npower Commercial Gas Limited | | | |
| Target Implementation Date: | +3 months from Authority decision | | Current Status: | | Awaiting Implementation | | | |
| Progression: | IWA | APC | AR | RPC | SBC | DMR | FMR | I |
| | Dec 21 | Apr 22 | May 22 | Jun 22 | Oct 22 | Nov 22 | Nov 22 | 15 April 24 |
| Latest Update: | On 15 January 2024, the Authority approved P432 'Half Hourly Settlement for CT Advanced Metering Systems' for implementation on 15 April 2024. The Authority's decision letter is available on the P432 page of our website. A copy of National Grid's notice to modify the Code will also be published here in due course. | | | | | | | |
| Next Event: | P432 will be implemented on 15 April 2024. | | | | | | | |
| 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. 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 P432 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> <p>The Workgroup considered the responses to the Consultation and by majority provided its final recommendation that P432 should be approved.</p> <p>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.</p> | | | | | | | |

| | |
|--|--|
| | <p>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.</p> <p>On 26 August 2022 Ofgem sent P432 back to the Panel for further work as per BSC Section F, 2.7A.1(a) on the basis that they did not think sufficient evidence was provided that consumers will not be negatively impacted by increasing costs if migration is delivered on the existing timeframes or that the timeframe specified is necessary to deliver the required de-risking of MHHS implementation. Ofgem also requested a related DCUSA modification be raised and implemented before the P432 migration starts.</p> <p>A Workgroup meeting was held on 29 September 2022, where the Workgroup members agreed on a new Implementation approach for P432 to address the Ofgem Send Back. The majority of the Workgroup believe P432 should still be approved. P432 was issued for a 10WD Send Back consultation with responses invited by 25 October. 17 responses to the consultation were received. The majority believed P432 should be approved. However, all Suppliers but one believed it should be rejected. The Workgroup considered the responses at a meeting on 27 October, where the Workgroup were split on whether P432 should be approved or rejected.</p> |
|--|--|

| P441: Creation of Complex Site Classes | | | | | No Update | | |
|--|--|--------|-----------------|--------|----------------------|--------|-----|
| Date Raised: | 7 July 2022 | | Proposer: | | Green Energy | | |
| Target Implementation Date: | TBC | | Current Status: | | Assessment Procedure | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Jul 22 | Sep 23 | May 24 | Jun 24 | Jul 24 | Jul 24 | TBC |
| Latest Update: | The Proposer is working with Elexon and NGESO to define the scope of the analysis to ensure that the analysis will fulfil the Ofgem requirements. | | | | | | |
| Next Event: | The intention is for the scope of analysis to be agreed with the P441 Workgroup at a meeting in February 2024. | | | | | | |
| 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. 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> | | | | | | |
| History: | <p>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.</p> <p>The first Workgroup meeting took place on Wednesday 31 August 2022. At this meeting, the Workgroup considered the P441 background and issue, explored the Workgroup Terms of Reference, and discussed the potential solutions for P441.</p> <p>The second P441 Workgroup meeting was due to be held on 6 October but had to be cancelled due to the constraints caused by the progression timetable of urgent Modification P448.</p> <p>The second P441 Workgroup meeting took place on 6 December 2022, where the Workgroup determined that a central register should be maintained for Class 5 Complex Sites, and that a notification should be sent by Supplier Volume Allocation (SVA) Meter Operator Agents (MOAs) to Elexon with information about a Class 5 Complex Site.</p> <p>The second P441 Workgroup meeting was held on Tuesday 6 December 2022. The Workgroup considered the impact of P441 on Network Charges, possible solution options for the registration of metering systems for Complex Sites and the need for a central register and associated notification process.</p> <p>The Panel agreed to a five month extension to the Assessment Procedure at its meeting on 14 July 2022.</p> <p>The third P441 Workgroup was held on 17 January 2023. The Workgroup discussed the requirements for Network Charges and discussed P441’s interactions with the Market Wide Half Hourly (MHHS) Programme.</p> <p>The fourth and fifth Workgroup meeting were held on Tuesday 21 February and 21 March respectively. Across both meetings, the Workgroup confirmed that P441 will not</p> | | | | | | |

have a direct impact on MHHS, they agreed the requirements for the BSUoS, TNUoS and DUoS charging arrangements for Class 5 Complex Sites. Further, the Workgroup considered four redline drafting options for the impacted documents, and agreed on the option that will seek the governance requirements placed in the BSC and procedural steps in the BSCPs, in line with the BSC redline principles.

The fifth Workgroup meeting was held on 21 March 2023. The Workgroup concluded the requirements for DUoS charges, Group Correction Factor, and Line Loss Factor for Class 5 Complex Sites. Also, the Workgroup discussed and confirmed the appropriate drafting option for the relevant BSC documents.

The sixth P441 Workgroup was held on 2 May. At this meeting, the Workgroup considered the remaining Terms of Reference for P441 and confirmed that parallel changes will need to be raised in both REC and DCUSA. Ofgem has suggested alignment is required on these changes and timelines should be lined up accordingly. At the June 2023 Panel meeting the Panel approved a four month extension to the Assessment Procedure in order to align the timetable of P441 with the consequential DCUSA and REC changes.

The seventh Workgroup meeting for P441 was held on 27 July to review the legal text and CSD redlining, update on actions and confirm the Assessment Procedure questions to coincide with the timelines for the consequential REC and DCUSA changes. The Workgroup reviewed the redlining in the meeting, but indicated that they want a longer period of review, also noting some updates Elexon would make after the meeting, and therefore wished to delay providing their initial views until a later meeting.

Draft Legal Text has been shared with members for review and feedback ahead of the next Workgroup. This was also shared with REC in order to enable them to help formulate their associated solution.

Elexon held the 8th Workgroup on 20th September 2023. Ofgem attended the Workgroup and advised they would require further analysis on the current P441 solution to help them make a decision. Due to the need conduct further analysis, a 6 month extension to the P441 Assessment period was approved by the BSC Panel on 12 October 2023. We have informed both DCUSA and REC due to the impact on their consequential changes and will reconvene with all impacted codes when a new progression timetable has been agreed.

| P442: Reporting chargeable volumes for exempt and licensed supply | | | | | | Update | |
|---|--|--------|-----------------|--------|---------------|--------|--------|
| Date Raised: | 7 July 2022 | | Proposer: | | UC Energy Ltd | | |
| Target Implementation Date: | 7 November 2024 | | Current Status: | | Report Phase | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Jul 22 | Sep 23 | Jan 24 | Feb 24 | Mar 24 | Mar 24 | Nov 24 |
| Latest Update: | P442 was issued for a one month Report Phase Consultation to seek industry views on Panel's initial views on 21 December, with responses invited by 22 January 2024. | | | | | | |
| Next Event: | The Draft Modification Report will be presented to the BSC Panel on 8 February 2024, where the Panel will make its final recommendations. | | | | | | |
| Issue: | 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>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: | <p>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.</p> <p>The Proposed solution includes adjustments to the Energy Imbalance positions of the Licenced Suppliers. This is so that the Suppliers involved in the exempt supply arrangement so not incur incorrect Imbalance Charges as a result of facilitating the exempt supply. The P442 Alternative solution only differs to the Proposed solution in that it excludes the adjustments to the Energy Imbalance positions of the Licenced Suppliers.</p> |
| History: | <p>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.</p> <p>Following comments made by the Panel, Elexon liaised with BEIS about their review into exempt supply and considered how the timings may impact this Modification.</p> <p>The first Workgroup meeting was held on 15 February 2023. At this meeting, the Workgroup considered the P442 Terms of Reference (ToR), as agreed by the Panel, and identified further topics that should be covered. The Workgroup also discussed the proposed solution and the current view against some aspects of the ToR.</p> <p>Given the delays to holding the first meeting, caused by the Modification being on hold while liaising with BEIS (as of that time, now DESNZ) about potential impacts from their review into exempt supply, as well as a combination of focussing on urgent Modifications and Proposer availability, the BSC Panel approved an extension to the Assessment Procedure of six months at the meeting on 11 April 2023.</p> <p>The second P442 Workgroup meeting was held on 24 May 2023. The Workgroup explored the proposed solution in more detail, including worked examples for the proposed imbalance adjustment methodology. Elexon have since met with service providers to better understand the timescales and costs involved, and have drafted the redlining for internal review.</p> <p>The third P442 Workgroup meeting was held on 15 September. The Workgroup reviewed the draft legal text and reviewed the views against the Terms of Reference prior to the Assessment Consultation.</p> <p>P442 was issued for Assessment Procedure Consultation on 2 October 2023 with responses invited by 20 October 2023. Four responses were received, all in support of the Modification.</p> <p>The fourth P442 Workgroup meeting was held on 25 October 2023. The Workgroup reviewed the consultation responses and provided final views against the Terms of Reference. Following the consultation the Proposed solution was amended to include an adjustment to the calculation of Imbalance Charges to avoid Suppliers incurring incorrect Imbalance Charges. The Workgroup formally raised an Alternative Modification excluding this adjustment (the Proposed solution as described in the APC).</p> <p>The Assessment Report was presented to the BSC Panel on 14 December 2023, where the BSC Panel made their initial recommendation that the P442 Alternative Modification should be approved and the Proposed Modification should be rejected.</p> |

| P444: Compensation for Suppliers and Virtual Lead Parties for Virtual Lead Party actions in the Balancing Mechanism | | | | | | | Update | |
|---|--|------------|-----------|------------------------|------------|------------|------------------|----------|
| Date Raised: | 1 September 2022 | | | Proposer: | | | Flexitricity | |
| Target Implementation Date: | 7 November 2024 | | | Current Status: | | | Send Back | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | Sent Back | I |
| | Sep 22 | Jan 23 | Apr 23 | May 23 | Jun 23 | Jun 23 | Sep 23 | Nov 24 |
| Latest Update: | Elexon are holding final discussions with parties to provide evidence and aid understanding ahead of conducting analysis in the first months of 2024. | | | | | | | |
| Next Event: | To make sure Elexon have the additional information they need to perform the analysis, bilateral discussions with a number of market participants and industry organisations will continue. We aim to complete and share the results with the Workgroup in Q1 of 2024, based on the successful engagement with a number of industry parties in a timely manner. | | | | | | | |
| Issue: | Under BSC arrangements introduced by P344 'Project TERRE implementation into GB market arrangements' there is no mechanism for compensation of Parties who have been affected by Virtual Lead Party (VLP) activity in the Balancing Mechanism (BM). As a result, Suppliers are commercially impacted and left with a cost from the Balancing Mechanism that they cannot recover. | | | | | | | |
| Current Solution: | This Modification would amend BSC systems and processes to introduce a compensation mechanism for Suppliers and VLPs when a VLP takes a Bid or Offer in the BM, to ensure a level playing field and enable correct incentivisation of flexibility. Following P444 assessment, the Proposer and Workgroup believe that the compensation mechanism being developed for P415 should be applied to the BM as the solution for P444, and believe that an aligned decision should be made by Ofgem regarding the Proposed and Alternative solutions for each Modification. | | | | | | | |
| History: | <p>P444 was raised by Flexitricity on 1 September 2022.</p> <p>The Initial Written Assessment was presented to the BSC Panel at their meeting on 8 September 2022. The Panel submitted P444 to the Assessment Procedure for assessment by a Workgroup. The first P444 Workgroup meeting was held on 7 October 2022, in conjunction with a P415 Workgroup meeting.</p> <p>Workgroup meeting 2 was held on 7 December, where the Workgroup reviewed the legal text and prepared for the Assessment Consultation.</p> <p>Workgroup meeting 3 was held on 22 February to consider consultation responses.</p> <p>Workgroup meeting 4 was held on 28 March to conduct final voting and gather final views.</p> <p>The P444 Workgroup met for a final time on 28 March. The Proposer and Workgroup wish for P444 to align with P415 in terms of any Proposed and Alternative solutions, in order to allow for an aligned decision from Ofgem regarding the supplier compensation mechanism, therefore once the P415 Proposer "switched" the Proposed Solution with the alternative approach (allowing a majority of the group to raise a formal Alternative against this and bring multiple options to Ofgem to reduce the chance of delays) the P444 Proposer chose to take the same approach in order to ensure alignment. The Workgroup recommend that the Alternative Solution be approved.</p> <p>The P444 Assessment Report was presented to the BSC Panel on 13 April 2023. The Panel initially recommend P444 is approved.</p> <p>The Report Phase Consultations for P444 and P415 were issued on 17 April 2023, running for one calendar month due to identified impacts on the EBGL Article 18 Terms and Conditions. Three responses were received to the consultation, with two agreeing with the Panel that P444 should be approved and one disagreeing.</p> <p>The BSC Panel considered the P444 Draft Modification Report on 8 June 2023. The Panel unanimously agreed that the P444 Alternative Modification is better than the</p> | | | | | | | |

| | |
|--|--|
| | <p>P444 Proposed Modification and that the Alternative Solution should be approved (with the Proposed Solution rejected). The P444 Final Modification Report was submitted to the Authority on 15 June 2023 for decision.</p> <p>P444 was sent back to the BSC Panel on 8 September 2023, as Ofgem felt they were unable to form an opinion on whether or not P444 should be approved.</p> <p>P444 was sent back to the BSC Panel on 8 September 2023, as Ofgem felt they were unable to form an opinion on whether or not P444 should be approved. Ofgem direct that additional steps are undertaken to revise the Final Modification Report to include impact analysis with quantitative and qualitative evidence which fully explains and demonstrates the impact on industry of implementing either compensation method through the BSC Modification P444 against the status quo.</p> <p>Having discussed potential ways forward for addressing the Send Back, the P444 group felt there is most value in proceeding with a micro-level desk-based approach (with additional engagement with VLPs, Suppliers and other organisations) to assess the impact of P444 on individual customers and parties (e.g. VLPs, Suppliers) participating in the BM. Elexon will conduct this analysis and present this back to the Workgroup.</p> |
|--|--|

| P451: Updating BSC Black Start provisions and compensation arrangements to align with NGESO's new approach to System Restoration | | | | | No Update | | |
|--|--|--------|-----------------|--------|-------------------|--------|---------|
| Date Raised: | 1 March 2023 | | Proposer: | | NGESO | | |
| Target Implementation Date: | 5 Working Days after Authority Decision | | Current Status: | | Awaiting Decision | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Mar 23 | Sep 23 | Oct 23 | Oct 23 | Dec 23 | Dec 23 | 5 WDs + |
| Latest Update: | The RPC response window closed on 18 November 2023, with 1 response received from the P451 Proposer, whose views were unchanged (support). The Draft Modification Report was presented to Panel on 14 December 2023. The BSC Panel recommended approval of P451. The Final Modification Report has been sent to Ofgem for their decision. | | | | | | |
| Next Event: | Elexon are currently awaiting a decision from the Authority on P451. If approved, P451 will be implemented 5 Working Days after decision. | | | | | | |
| Issue: | The National Grid Electricity System Operator (NGESO) is currently progressing GC0156 ‘Facilitating the implementation of the Electricity System Restoration Standard’. GC0156 facilitates the implementation of NGESO’s new approach to Black Start called System Restoration. It proposes to update all references to Black Start to System Restoration in the Grid Code. Unless a change is made to update the BSC, the BSC’s Black Start processes will not align with the Grid Code if GC0156 is approved by Ofgem. Furthermore, NGESO’s new approach will allow Distributed Energy Resources (DERs) to be to be used as System Restoration Service Providers. These providers will be connected to a Distribution System and operated by BSC or non-BSC Parties. Currently, non-BSC parties cannot claim Black Start compensation. | | | | | | |
| Current Solution: | To update all BSC references to “Black Start” to “System Restoration” and to amend BSC Section G ‘Contingencies’ to allow non-BSC parties who have a contract with NGESO to provide System Restoration services to claim BSC Black Start compensation. The proposed solution is for Elexon to recoup claims payments from BSC Parties as part of their Black Start Reallocation Proportion. | | | | | | |
| History: | P451 was raised on 1 March 2023. The Panel determined that P451 should progress to a Workgroup for assessment and set the timetable at its meeting on 9 March 2023. The first P451 Workgroup meeting was held on 5 May 2023. The Workgroup considered who should be eligible to claim the Black Start compensation. The second P451 Workgroup meeting was held on 14 June 2023, where the Workgroup discussed how the Black Start compensation process could work for non-BSC Parties, and how claims could be paid out by Elexon. | | | | | | |

At the August 2023 Panel meeting, a 3 month extension was granted to the P451 Assessment Phase.

The third P451 Workgroup meeting was held on Wednesday 9 August 2023. The Workgroup reviewed the draft legal text and discussed the final aspects of the Terms of Reference, including whether the payment mechanism should be in the BSC or not. The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 10 August 2023 due to the delays caused by the additional engagement required to form a quorate Workgroup.

The P451 Assessment Consultation ran from 4 September 2023 – 28 September 2023. The fourth P451 Workgroup meeting was held on Friday 29 September 2023. The Workgroup discussed the responses to the Assessment Consultation, discussed the final draft of the legal text and took final views on applicable BSC Objectives. The Workgroup had further discussion on changes to the cost recovery mechanism and followed Elexon legal advice that this falls out of scope of P451.

The P451 Assessment Report was presented to Panel on 12 October 2023 before going out for a month-long Report Phase Consultation to consult against impacts on code sections that form part of the EBGL Article 18 Terms and Conditions. The RPC was issued on 18 October 2023.

| P454: Removal of BSC obligations to provide BMRS Data via TIBCO and the High Grade Service | | | | | No Update | | |
|--|---|--------|-----------------|--------|-------------------|--------|--------|
| Date Raised: | 13 April 2023 | | Proposer: | | BSC Panel | | |
| Target Implementation Date: | 5 WDs after Authority Decision | | Current Status: | | Awaiting Decision | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Apr 23 | Aug 23 | Nov 23 | Nov 23 | Dec 23 | Dec 23 | 5 WDs+ |
| Latest Update: | The BSC Panel considered the Draft Modification Report for P454 at its meeting on 14 December 2023. The BSC Panel recommended P454 for approval. It has now been submitted to the Authority for decision. | | | | | | |
| Next Event: | Elxon are currently awaiting a decision from the Authority on P454. If approved, P454 will be implemented 5 working days after decision. | | | | | | |
| Issue: | The BSC's High Grade Service and TIBCO software, based on 20-year-old legacy systems, can no longer be sustained efficiently and economically. The service presents significant barriers for new entrants due to lead time, operational costs, and bandwidth restrictions. As a result, there have been no new TIBCO users since 2014. Further, the ageing architecture causes operational issues, limits scaling, and imposes high costs on market participants. Issue 95 'Assessing the continued use of TIBCO service as a source of data for market participants' made a group recommendation to raise a BSC Modification to explore the removal of the obligation for Elxon to provide BMRA data through the High Grade Service. | | | | | | |
| Current Solution: | This Modification would remove the existing requirement within BSC Section V 'Reporting' for the Balancing Mechanism Reporting Agent (BMRA) to provide BMR Service (BMRS) data via the legacy High Grade Service, otherwise referred to as the TIBCO service. | | | | | | |
| History: | <p>The BSC Panel raised P454 at their meeting on 13 April 2023, where they agreed that it should be progressed to the Assessment Procedure for consideration by a Workgroup.</p> <p>Between April and June 2023 Elxon conducted extra engagement to form a Workgroup, and, after a delay due to quoracy issues a quorate Workgroup was finally formed.</p> <p>The first Workgroup was held on 18 July 2023. The Workgroup considered the background to P454 and the Terms of Reference, raising a question over the most appropriate place to reference service standards for the post-TIBCO solution. Elxon are progressing actions and determining the most appropriate time to hold the next meeting.</p> <p>In September 2023 a two month extension was granted to allow for contingency in finishing the Assessment Phase for P454.</p> <p>The second Workgroup meeting was held on 5 September, once the draft legal text had been prepared for Workgroup review. The Workgroup agreed the Terms of Reference and voted that P454 is positive against the BSC Objectives.</p> <p>P454 was issued for Assessment Procedure Consultation, which closed on 17 October 2023. Responses were broadly supportive and contained helpful feedback for post-P454 activities surrounding the decommissioning of TIBCO (which is enabled by P454 but not explicitly linked beyond this).</p> <p>Workgroup Meeting 3 was held 23 October 2023 to consider responses. There were three responses to the Assessment Procedure Consultation, of which all were in support of the Modification. The Assessment Report containing the Workgroup's final views on P454 was then subsequently presented at Panel on 9 November at its meeting on 9 November 2023 (344/06) the Panel initially unanimously recommended approval of P454 and progression to Report Phase. All respondents agreed with the Panel's initial unanimous view that P454 should be approved. One requested that an equivalent or better service is maintained until any transition from TIBCO is</p> | | | | | | |

| | |
|--|---|
| | completed. They also stated it would take a minimum of 6 months to implement the new BMRS service assuming the new service meets all capabilities of the current one. |
|--|---|

| P455: On-Site Aggregation as a method to facilitate Third Party Access | | | | | | Update | |
|--|---|--------|-----------------|--------|----------------------|--------|--------|
| Date Raised: | 8 June 2023 | | Proposer: | | Emergent Energy | | |
| Target Implementation Date: | 27 June 2024 | | Current Status: | | Assessment Procedure | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Jun 23 | Dec 23 | Mar 24 | Mar 24 | Apr 24 | Apr 24 | Jun 24 |
| Latest Update: | The Assessment Procedure Consultation was issued on 15 December with responses due on 19 January. Out of the seven responses received, five were in favour of the Modification, and two objected. The objections were based on the premise that the results from the DCUSA Sandbox should be available before implementing a BSC Change. Furthermore, there was direct feedback about the format of the Consultation, specifically regarding a broken table that was subsequently repaired for the extended Consultation period. Additionally, some Workgroup members offered detailed explanations on the topics discussed; these clarifications will be incorporated into the Assessment Report. | | | | | | |
| Next Event: | Once the Assessment Procedure Consultation closes, the P455 Workgroup will meet at the end of January to review the responses, and the P455 Assessment Report is aimed to be presented to the March 2024 Panel. | | | | | | |
| Issue: | Where one or more customers on a private wire network (henceforth private network) opt for a third party supply, corrective action is required to avoid the double counting of metered volumes in Settlement. The BSC provides ways to avoid the double counting of metered volumes on private networks via difference metering option and shared SVA metering. The Proposer believes that these existing options are unsatisfactory when applied to private networks that include domestic and small business (i.e. sub 100kW) customers. This is due to the operational requirements placed on, and the lack of incentive for, Third Party Suppliers (TPSs) to meet such requirements. | | | | | | |
| Current Solution: | The solution proposes a new ‘on-site aggregation’ methodology for facilitating Third Party Access on private networks to which domestic and small business (i.e. sub 100kW) customers are connected. This methodology can be used instead of difference metering, but requires the BSC to allow aggregated meter data from sub-meters (relating to customers not opting for third party supply) on private networks to be submitted into Settlement (in lieu of data from Settlement meters installed at the Boundary Point). | | | | | | |
| History | <p>Emergent Energy requested to be designated as a Third Party (non-BSC Party) Proposer for this Modification. The BSC Panel agreed to designate Emergent Energy as the Proposer at its meeting on 8 June 2023. P455 was raised on 8 June 2023. The Panel determined that P455 should progress to the Assessment Procedure for an assessment by a Workgroup.</p> <p>The first Workgroup was held on 12 September 2023. It was an introductory meeting to introduce the problem, solution and Terms of Reference.</p> <p>During Workgroup 2 the Proposer presented the results of the Sandbox applications to validate the proposed solution.</p> <p>During the third and fourth meetings, the Workgroup finished reviewing the Specific Terms of Reference and voted on its initial views regarding the Applicable BSC Objectives.</p> <p>During the fifth meeting, the Workgroup reviewed and commented on the proposed legal text.</p> <p>Elxon held three P455 Workgroups on 22 and 27 November, and 12 December. The Assessment Procedure Consultation was issued on Friday 15 December 2023, until Friday 19 January 2024. The BSC Panel granted to 2 month extension to the Assessment Phase for P455 at their December 2023 meeting.</p> | | | | | | |

| P459: Allowing different Supplier Agents to be appointed to Import and Export MSIDs | | | | | | Update | |
|---|--|--------|-----------------|--------|------------------|--------|---------|
| Date Raised: | 3 August 2023 | | Proposer: | | Good Energy | | |
| Target Implementation Date: | 5 WDs after Authority Decision | | Current Status: | | Assessment Phase | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Aug 23 | Mar 24 | Apr 24 | Apr 24 | May 24 | May 24 | 5 WDs + |
| Latest Update: | Elexon held a meeting with the Proposer and is preparing a communication piece to update industry about P459. The Proposer has been engaged with other commitments and unable to progress this Modification, but will look to commence work once again on P459 in January 2024. | | | | | | |
| Next Event: | Depending on progress made in the early months of 2024 it is likely that a request for an extension will need to be made at the March Panel meeting. | | | | | | |
| Issue: | There is currently an obligation in BSC Section J 'Party Agents & Qualification Under the Code' to appoint the same SVA Meter Operator Agent and SVA Data Collector for both Import and Export MSID. The Proposer is finding that the existing arrangements around agent appointments are causing them a large and unnecessary administrative burden in making use of the metered export process. | | | | | | |
| Current Solution: | To remove paragraphs 4.1.5 (Meter Operator Agent) and 4.1.6 (Data Collector) from BSC Section J so that different Supplier Agents can be appointed to the Import and Export MSID. This is likely to be progressed as a part of a Cross Code Change Package, as consequential Retail Energy Code (REC) and Smart Energy Code (SEC) changes will be required. These changes will be developed during the Assessment Phase for this Modification, with a joint consultation issued once all potential dependencies are understood so that industry can consider the package of changes related to this proposal as a whole. | | | | | | |
| History | <p>Good Energy raised P459 on 3 August 2023.</p> <p>The BSC Panel considered the Initial Written Assessment for P459 at their meeting on 10 August 2023.</p> <p>On 6th September 2023, Scottish Power suggested an alternative to the P459 proposal to Elexon, aiming to permit different Supplier Agents for Import and Export MSIDs. The discussion happened informally before the official assessment phase. The core issue is the absence of a mechanism in the D0155 form for notifying MOPs of their appointment to Export supplies linked to an Import MPAN they manage. The proposed solution was to modify the D0155 form to include a J0048 – Contract Reference for clarity. This change would require adjustments to the Retail Energy Code (REC) but not the Balancing and Settlement Code (BSC).</p> <p>However, this solution was deemed insufficient as it doesn't address the core issue if MOPs refuse the Export appointment. Additionally, permitting different MOPs for Import and Export could lead to operational challenges, such as remote meter connectivity issues, meter replacement and communication problems, compliance risks during audits, and inefficiencies in meter programming. These issues could negatively affect settlement accuracy, customer service, and regulatory compliance.</p> <p>Therefore, the P459 initiative will continue to explore Good Energy's proposal through its Workgroup process, considering it as part of a cross-code package that requires changes to REC, SEC, and potentially DCUSA, with a focus on the implications for Market-wide Half-Hourly Settlement (MHHS).</p> | | | | | | |

| P461: Accurate Reporting of Customers Delivered Volumes to Suppliers | | | | Update | |
|--|----------------|-----------|-------|--------|--|
| Date Raised: | 5 October 2023 | Proposer: | EnDCo | | |

| | | | | | |
|------------------------------------|---|------------------------|----------------------|----------------------|---------------------------|
| Target Implementation Date: | 7 November 2024 | Current Status: | Awaiting Decision | | |
| Progression: | IWA Oct 23 | RPC Nov 23 | DMR Jan 23 | FMR Jan 23 | I Nov 24/Feb 25 |
| Latest Update: | P461 was issued for an EBGL Report Phase Consultation on 16 November 2023 with responses due by 18 December. There were no responses to the consultation. One potential respondent to the P461 Consultation requested a meeting with Elexon to discuss the Modification. The respondent was confident after that meeting that they had no objections so therefore did not feel the need to submit a response to the consultation. The Draft Modification Report was presented at the January 2024 Panel meeting. The BSC Panel recommended to the Authority that P461 should be approved. | | | | |
| Next Event: | Elexon are currently awaiting a decision from the Authority on P461. If approved, P461 will be implemented on 7 November 2024 as part of the standard November 2024 Release. | | | | |
| Issue: | When a customer delivers a Bid Offer Acceptance (BOA) through a Virtual Lead Party (VLP), and provided the customer consents to the disclosure, their Supplier will receive details of the 'Delivered Volume' i.e. the change in the customer's Import and/or Export arising from delivery of the BOA. Currently the details reported to the Supplier are the 'raw' Delivered Volumes reported to the Supplier Volume Allocation Agent (SVAA) by the VLP, and do not reflect any adjustments made to that data in Settlement. This defeats the intended purpose of the reporting by making it impossible for Suppliers to understand the contribution made by each customer to their overall Imbalance charge. | | | | |
| Current Solution: | The Proposed Solution is that values reported to Suppliers on the P0287 'Secondary Half Hourly Delivered Volumes' data flow should incorporate any adjustments made by the Settlement Administration Agent (SAA). This will allow Suppliers to accurately attribute to individual customers any Imbalance adjustments that arise from those customers participating in the Balancing Mechanism through a VLP. This will ensure that Suppliers have the data required to accurately bill customers (in accordance with the terms of their contracts), and minimise cross-subsidies from customers who use a VLP to those who don't (or vice versa). | | | | |
| History | <p>The P461 Initial Written Assessment was presented to the BSC Panel at its meeting on 12 October 2023. The Panel deferred P461 for 1 month, while a Request for Information (RFI) is carried out to assess potential impacts on industry related to a 2 day delay in receiving the P0287, to assess whether a delay in receiving data may cause billing delays for some Suppliers which could incur some costs.</p> <p>The RFI closed on 31 October 2023 with two responses, both from Suppliers that confirmed no issue with the proposed solution. The BSC Panel considered responses to the RFI at their meeting on 9 November 2023 and agreed to progress P461 Straight to Report Phase Consultation.</p> <p>The Report Phase Consultation for P461 was issued on 16 November 2023, running for one calendar month due to identified impacts on the EBGL Article 18 Terms and Conditions.</p> | | | | |

| P462: The removal of subsidies from Bid Prices in the Balancing Mechanism | | | | | | Update | |
|---|--|--------|-----------------|--------|---|--------|-----|
| Date Raised: | 27 October 2023 | | Proposer: | | National Grid Electricity System Operator | | |
| Target Implementation Date: | TBC | | Current Status: | | Assessment Phase | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Nov 23 | Dec 24 | Feb 25 | Mar 25 | Apr 25 | Apr 25 | TBC |
| Latest Update: | The first Workgroup was held on 16 January 2024. The Workgroup provided their initial views on the P462 Modification proposal at the Workgroup and additional potential impacts from P462 were captured. | | | | | | |
| Next Event: | The next Workgroup meeting will take place in February, earliest W/C 12 February. NGESO plan to provide more background on the issue and why the BSC Modification route is their proposed solution. | | | | | | |
| Issue: | This Modification aims to reduce consumer cost potentially caused by the interaction between the BM and support mechanism arrangements. This shall be done by removing distortion of support mechanisms (such as Contracts for Difference (CfDs) and the Renewables Obligation (RO) schemes) to reduce actions being taken outside of consumer cost order when following the Bid stack merit order. | | | | | | |
| Current Solution: | The proposed solution is to raise a BSC Modification to pay for any lost subsidy values outside of the direct Bid Price, separation of lost/gained CfD revenues and other subsidies (RO) for cashflow purposes. This requires changes to the settlement process but would not require redesign of operational systems, it would also make the interactions completely transparent. It also allows for a greater scope than just covering for this CfD (and RO) issue. | | | | | | |
| History | <p>P462 was raised by NGESO on 27 October 2023. The Proposer requested that P462 is sent for assessment by a Workgroup.</p> <p>Elexon presented the Initial Written Assessment to the BSC Panel on 9 November 2023. The Panel agreed to submit P462 to the Assessment Phase with the recommendation that the Terms of Reference (ToR) should be updated to reflect the Panel's feedback from the meeting on 9 November, prior to the first Workgroup meeting taking place. An updated ToR will be presented to the Panel at its next meeting on 14 December.</p> <p>The updated Terms of Reference (ToR) were presented and agreed by the Panel at its meeting on 14 December 2023. Two additional ToR were proposed by the Panel and will be added in advance of the first Workgroup.</p> | | | | | | |

| P463: Introduce a Standard Change Process | | | | | Update | | |
|---|---|--------|-----------------|--------|------------------|--------|-----|
| Date Raised: | 9 November 2023 | | Proposer: | | Elexon | | |
| Target Implementation Date: | TBC | | Current Status: | | Assessment Phase | | |
| Progression: | IWA | APC | AR | RPC | DMR | FMR | I |
| | Nov 23 | Feb 24 | Mar 24 | Mar 24 | Apr 24 | Apr 24 | TBC |
| Latest Update: | The first P463 Workgroup was held on 19 December 2023. The Workgroup discussed an overview of what a Standard Change Process might look like and explored potential candidates for Standard Change. They also considered contextual impacts that may be relevant to the Modification. | | | | | | |
| Next Event: | Elexon is currently working to form a Workgroup for P463's second Workgroup meeting. The 2 nd Workgroup is estimated to occur towards the end of February and start of March | | | | | | |
| Extension Request: | There have been some struggles in the hopes to form a quorate Workgroup for the second Workgroup meeting, most likely due to a busy winter period. Therefore we think it sensible | | | | | | |

| | |
|--------------------------|--|
| | to request a 3 month extension to the Assessment Phase for this timetable. Elexon will endeavour to deliver the Assessment Report to the Panel on 11 April. |
| Issue: | Currently, all changes to the BSC and BSC Configurable Items are required to go through the Change Process, either as a Modification Proposal (Mod) or as a Change Proposal (CP). Although these processes are very effective, there are some instances in which the process may be considered overly bureaucratic and burdensome for impacted stakeholders. A number of routine and low risk changes, and changes to standing data have been identified where public consultation and Committee approval may be considered disproportionate and unnecessary. A more efficient process should be used for these Change types. To introduce a new change process – a ‘Standard Change’ process – into the BSC arrangements that would allow for certain, low risk, predictable and repeatable pre-authorised changes to be implemented without following the existing Change Proposal or Modification procedures. |
| Current Solution: | Introduce a simplified change process to streamline those changes which are low risk, routine and repeatable, a ‘Standard Change’ process. This will reduce the burden on industry and Elexon for processing these kinds of changes. Identify the types of changes which could follow the Standard Change process and which of these should be included in this Mod (‘enabling changes’). |
| History | P463 was raised by Elexon on 9 November 2023. Elexon presented the Initial Written Assessment to the BSC Panel on 09 November 2023, who determined the P463 progression route and timetable, agreeing that it progress to the Assessment Phase. |

| P465: Correction to P415 legal text to amend Credit Cover requirements for Virtual Trading Parties | | | | | Update | |
|--|---|--------|-----------------|--------|-------------------------|--|
| Date Raised: | 9 November 2023 | | Proposer: | | Elexon | |
| Target Implementation Date: | 7 November 2024 | | Current Status: | | Awaiting Implementation | |
| Progression: | IWA | RPC | DMR | FMR | I | |
| | Nov 23 | Nov 23 | Dec 23 | Dec 23 | Nov 24 | |
| Latest Update: | The Self-Governance appeal window opened on 14 December 2023 and closed on 9 January 2024. There were no appeals against P465 being Self-Governance, P465 will be implemented on 7 November 2024 as part of the November 2024 Standard Release. | | | | | |
| Next Event: | P465 will be implemented on 7 November 2024 as part of the November 2024 Standard Release. | | | | | |
| Issue: | <p>Modification P415 ‘Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties’ seeks to allow independent aggregators to sell customers’ flexibility into wholesale markets. Independent aggregators wishing to do this will be required to accede to the BSC in the new role of Virtual Trading Party (VTP). Ofgem has approved this Modification for implementation on 7 November 2024.</p> <p>Elexon is working with service providers to design the system changes required to implement Modification P415, and this work has revealed that the P415 legal does not correctly describe the intended solution for calculating VTP’s Credit Cover requirements.</p> | | | | | |
| Current Solution: | <p>The proposed solution is to clarify that CAQDE values calculated for Secondary BM Units should be included in the calculation of MEI as well as CEI.</p> <p>This change will:</p> <ul style="list-style-type: none">•Avoid inaccuracies in the calculation of Credit Cover requirements for VTPs;•Ensure that Credit Cover requirements for Secondary BM Units are comparable with those of other non-Credit Qualifying BM Units (which was the intended solution); and•Avoid additional expense in amending the ECVAA system to calculate MEI for Secondary BM Units in a different way to other non-Credit Qualifying BM Units. | | | | | |

History

The BSC Panel raised P465 at their meeting on 9 November 2023 and agreed that it should proceed directly to the Report Phase, with an initial recommendation to approve the Modification. Initially, Elexon suggested treating P465 as a non-Self Governance Modification to avoid a risk of Ofgem objecting to P465 proceeding under Self-Governance rules. However, after engaging with Ofgem during the Report Phase Consultation, it was clarified that the Authority's approval of P415 focused on policy intent, not the detail contained in lower level documents. Consequently, the recommendation has been revised to propose that the BSC Panel treats P465 as a Self-Governance Modification and makes the decision whether to approve this Modification.

The Report Phase Consultation for P465 was issued on 14 November 2023 with the responses due on 28 November 2023. Elexon presented the Draft Modification Report to the BSC Panel at its meeting on 14 December. Elexon had initially recommended that P465 proceed as a non-Self Governance Modification on the basis that the error was contained in a requirements document that formed part of the Final Modification Report, and that seeking Authority approval would remove any risk of Ofgem objecting to proceeding under Self Governance rules.

However, during the Report Phase Consultation period, Elexon engaged with Ofgem to explain the change and this rationale. The Authority confirmed that their approval of P415 was based on the intent of the policy rather than the lower level documents, and that they did not see any need to make a decision on P465. Therefore the recommendation was amended to ask that the BSC Panel make a decision on whether to approve P465 at their meeting on 14 December 2023. The Panel agreed that it should be treated under Self Governance rules and approved P465.

| P466: 'BSC Section N Modernisation' | | | | | New |
|-------------------------------------|---|----------------------|------------------------|---------------------------|--------------------|
| Date Raised: | 11 January 2024 | | Proposer: | Elexon | |
| Target Implementation Date: | 7 November 2024 | | Current Status: | Report Phase Consultation | |
| Progression: | IWA Jan 24 | RPC Feb 24 | DMR Mar 24 | FMR Mar 24 | I Nov 24 |
| Latest Update: | The BSC Panel raised P466 at their meeting on 11 January 2024. | | | | |
| Next Event: | P466 will be sent for a 1 month Report Phase Consultation with responses invited by 15 February 2024. | | | | |
| Issue: | <p>BSC Section N 'Clearing, Invoicing & Payment'1 was written over 20 years ago and therefore some sections within it are now deemed redundant and no longer align with modern ways of working (e.g. invoicing and banking practices). This results in inefficiencies and unnecessary constraints that may prevent additional benefits from being sought and realised. As part of the Elexon Strategy and the implementation of Elexon Kinnect, a cloud based platform, the Funds Administration Agent (FAA) systems are being replaced with a new version on Kinnect. The FAA transfers Trading Charges to and from BSC Parties and manages the BSC Credit Cover arrangements. Kinnect is flexible, scalable and adaptable and creating a new FAA Service on Kinnect will modernise the BSC banking and payments processes, be less resource intensive, reduce manual processes and improve controls. Therefore a review of BSC Section N seemed timely to align with this and was completed to determine if any improvements/benefits could be applied to enable any changes to the new FAA Service which are currently restricted by the Code.</p> | | | | |
| Current Solution: | <p>In order to meet the desired outcomes described above, proposed amendments have been made to Section N (See attachment B) A summary of these changes is also shown in the table below along with the impacted reference and section.</p> <ul style="list-style-type: none"> • Where the dependency within the table is showing as yes, these changes are dependent on the new FAA System being implemented. • Where text is highlighted in red, these identify the BSC Sections which fall under EBGL impacted text under Section F, Article 18.6.c. This solution will also amend Sections H, U, V and X-1 which will be consequential changes as part of the update to terminology in Section N | | | | |

II. Change Proposal Updates – up until decision

| CP1586: Defining the requirements for Minimum Burden and CT ratios | | | | Update | |
|--|---|----------------------|------------------------|-------------------------|--------------------|
| Date Raised: | 7 November 2023 | | Proposer: | Elexon | |
| Target Implementation Date: | 29 February 2024 | | Current Status: | Awaiting Implementation | |
| Progression: | PP Nov 24 | CPC Dec 24 | AR Jan 24 | FR Jan 24 | I Feb 24 |
| Latest Update: | The CP1586 Assessment report was presented to the SVG and ISG on 9 January 2024 along with the responses from the industry consultation. The SVG and ISG approved the proposed solution for CP1586. | | | | |
| Next Event: | CP1586 will be implemented on 29 February 2024 as part of the standard February 2024 Release. | | | | |
| Issue: | <p>In some cases, the Current Transformer (CT) ratios for the maximum current of the circuit is not appropriately selected, even though these ratios are vital for accurate energy settlement as they ensure safe and precise current conversion, maintain metering equipment within its optimal operating range, and uphold regulatory compliance standards.</p> <p>This oversight becomes particularly problematic when the load conditions of a circuit typically operate below 1% of the rated primary current (I_r), compromising the accuracy of the Active Energy data. This could lead to miscalculations in energy billing, discrepancies in energy consumption records, and potential challenges in balancing supply and demand for Active Energy. Furthermore, there are cases where Metering Systems function outside the specified error limits or stray from the 25%-100% rated burden range, introducing potential inaccuracies into the system, which could also lead to inaccurate billing.</p> | | | | |
| Current Solution: | This CP will amend Codes of Practice (CoPs) 1: The Metering of Circuits with a Rated Capacity Exceeding 100 MVA for Settlement Purposes , Code of Practice 2: The Metering of Circuits with a Rated Capacity not Exceeding 100 MVA for Settlement Purposes , Code of Practice 3: The Metering of Circuits with a Rated Capacity not Exceeding 10 MVA for Settlement Purposes , and Code of Practice 5: The Metering of Energy Transfers with Maximum Demand of up to (and Including) 1MW for Settlement Purposes to establish specific criteria for selecting appropriate CT ratios and setting boundaries for load conditions. This ensures that the Metering System's overall accuracy remains within the specified limits set out in the CoPs. | | | | |
| History | <p>The CP1586 Progression Paper was raised and presented at Supplier Volume Allocation Group (SVG) on 7 November. Elexon have sought feedback from the Imbalance Settlement Group (ISG) prior to submitting for consultation as part of the November 2023 Change Proposal Consultation (CPC).</p> <p>CP1586 was issued for industry consultation on Monday 13 November 2023 with responses invited by 5pm on Friday 8 December 2023. 5 responses were received to the consultation. The majority of respondents were in support of CP1586. The respondents who did not approve of CP1586 recommended some changes to the redlining. Elexon then made subsequent updates to the redlining based on the comments from these two respondents.</p> | | | | |

| CP1587: Obsolete Metering Equipment | | | | Update | |
|-------------------------------------|--|--------|-----------------|--------|-------------------------|
| Date Raised: | 7 November 2023 | | Proposer: | | Elexon |
| Target Implementation Date: | 29 February 2024 | | Current Status: | | Awaiting Implementation |
| Progression: | PP | CPC | AR | FR | I |
| | Nov 24 | Dec 24 | Jan 24 | Jan 24 | Feb 24 |
| Latest Update: | The CP1587 Assessment report was presented to the SVG and ISG on 9 January 2024 along with the responses from the industry consultation. The SVG and ISG approved the proposed solution for CP1586. | | | | |
| Next Event: | CP1587 will be implemented on 29 February 2024 as part of the standard February 2024 Release. | | | | |
| Issue: | <p>Providing a process and transition period to remove unsupported assets and mitigate the risk to Settlement.</p> <p>CP1587 will provide a process to confirm whether Meter/Outstation Types are still manufactured and supported. It will also provide a transition period to remove unsupported assets and mitigate the risk to Settlement of faults on Meters/Outstations occurring which prevent actual data being submitted into Settlement. CP1587 will also establish a process to remove Data Collectors who can no longer support a protocol for a particular Meter/Outstation Type which will reduce erroneous appointments to Data Collectors who cannot support a particular Meter/Outstation Type.</p> <p>Additionally, CP1587 will reduce the administrative burden on Elexon preparing and presenting a committee information paper where there is already a more effective means, via Newscast, to inform industry of Compliance and Protocol Approval updates.</p> | | | | |
| Current Solution: | <p>This CP will define the new process and obligations on stakeholders, and remove the obligation to notify the Panel sub-Committees, via an information paper, of certificates issued and updates to Compliance and Protocol Approval list. This CP will also add processes in section 2 ‘Interface and Timetable Information’ to confirm whether Meter/Outstation Types are still manufactured and/or supported, and where confirmation that a Data Collector can no longer support a Protocol, to notify Parties and Party Agents.</p> | | | | |
| History | <p>The CP1587 Progression Paper was raised and presented at Supplier Volume Allocation Group (SVG) on 7 November. Elexon sought feedback from the Imbalance Settlement Group (ISG) prior to submitting for consultation as part of the November 2023 Change Proposal Consultation (CPC).</p> <p>CP1587 was issued for industry consultation on Monday 13 November 2023 with responses invited by 5pm on Friday 8 December 2023. Four responses were received to the consultation of which were majority in support.</p> | | | | |

| CP1588: Mandating Calibration Checks for Main and Check Meters | | | | | Update | |
|--|---|--------|-----------------|--------|-------------------------|--|
| Date Raised: | 7 November 2023 | | Proposer: | | Elexon | |
| Target Implementation Date: | 29 February 2024 | | Current Status: | | Awaiting Implementation | |
| Progression: | PP | CPC | AR | FR | I | |
| | Nov 24 | Dec 24 | Jan 24 | Jan 24 | Feb 24 | |
| Latest Update: | The CP1588 Assessment report was presented to the SVG and ISG on 9 January 2024 along with the responses from the industry consultation. The SVG and ISG approved the proposed solution for CP1586. | | | | | |

| | |
|--------------------------|--|
| Next Event: | CP1588 will be implemented on 29 February 2024 as part of the standard February 2024 Release. |
| Issue: | <p>Code of Practice (CoP) 4 details the requirements for calibration, testing and commissioning of Metering Equipment used for Settlement purposes. The frequency and timing of Meter calibrations is specified in CoP4 as well as the required test points.</p> <p>There is a lack of industry reporting to confirm whether Meter calibration checks are being carried out on the relevant Metering Equipment which poses a risk to Settlement where a lack of data being reported does not allow any analysis to highlight concerns about Meter accuracy to be carried out.</p> <p>There is also no process for Elexon to follow in BSCP601 to take action should it be identified that there is an issue with the long term accuracy of a particular Meter Type or, as required, notify the Office of Product Safety and Standards in the Department for Business and Trade where the Meter Type is on Schedule 4</p> |
| Current Solution: | This CP will look to create a new section 5.2A in CoP4 to detail the requirements and timescales for end of life sample calibrations. These will focus on Meter Types used in CoP3 and CoP5, Metering Systems. |
| History | <p>The CP1588 Progression Paper was raised and presented at Supplier Volume Allocation Group (SVG) on 7 November. Elexon have sought feedback from the Imbalance Settlement Group (ISG) prior to submitting for consultation as part of the November 2023 Change Proposal Consultation (CPC).</p> <p>CP1588 was issued for industry consultation on Monday 13 November 2023 with responses invited by 5pm on Friday 8 December 2023.</p> <p>The consultation for CP1588 closed on Friday 8th December. Three responses were received to the consultation and they were unanimously in support of the CP.</p> |

| CP1589: Create Additional Market Participant Role Codes | | | | | Update |
|--|--|------------------------|---------------------|---------------------|--------------------|
| Date Raised: | 7 November 2023 | Proposer: | Elexon | | |
| Target Implementation Date: | 7 November 2024 | Current Status: | Assessment Report | | |
| Progression: | PP Nov 24 | CPC Dec 24 | AR Mar 24 | FR Mar 24 | I Nov 24 |
| Latest Update: | A verbal update was given on 9 January 2024 at the SVG committee. The verbal update included information about the MHHS CR 041 Impact Assessment as well as the responses to the consultation. There were 17 responses to the consultation of which 15 agreed to the proposed solution of CP1589. The Assessment Report will be presented once the MHHS CR has completed. | | | | |
| Next Event: | The Assessment Report will be presented to the next SVG committee that occurs once the MHHS CR has been completed. Elexon will be asking SVG to make a decision on CP1589 based on the results of the impact assessment from MHHS CR 041. | | | | |
| Issue: | The 'Market Participant Role Code' is a single character alphanumeric value which is used as an unique identifier for certain Market Roles. BSCCo must be in a position to allocate new Market Participant Role Codes when required, or this could be a significant impediment to the implementation of new Electricity Market solutions. Changing the Logical Format of the Market Participant Role Code from Char(1) to Char(2) would make thousands of new Market Participant Role Codes available. | | | | |
| Current Solution: | <p>Amend the Logical Format of the 'Market Participant Role Code' in MDD from 'Char(1)' to 'Char(2)' in BSC documentation.</p> <p>Amend the Logical Format of 'Market Participant Role Code Data Item' (J0001) in the Electricity Market Architecture Repository (EMAR) Data Specification and, if necessary, any other REC documentation.</p> | | | | |

| | |
|----------------|--|
| | As one of the six Market Messages that include the J0001 Data Item is “REC-owned”, a REC CP will be progressed in parallel with this BSC CP. |
| History | <p>The CP1589 Progression Paper was raised and presented at Supplier Volume Allocation Group (SVG) on 7 November. Elexon have sought feedback from the Imbalance Settlement Group (ISG) prior to submitting for consultation as part of the November 2023 Change Proposal Consultation (CPC).</p> <p>CP1589 was issued for industry consultation on Monday 13 November 2023 with responses invited by 5pm on Friday 8 December 2023. The consultation was re-issued with an updated response date of 15 December 2023. This is due to additional information being published as part of the change. There have been 17 responses to the consultation, the majority in support of CP1589.</p> <p>An MHHS Change Request (CR) has also been raised. Elexon are seeking to get a decision on CP1589 from the SVG only once an impact assessment has been completed with MHHS.</p> |

| CP1590: Enabling use of DTN agent appointments process for P434 | | | | | Update |
|--|--|----------------------|------------------------|-------------------------|--------------------|
| Date Raised: | 7 November 2023 | | Proposer: | Elexon | |
| Target Implementation Date: | 29 February 2024 | | Current Status: | Awaiting Implementation | |
| Progression: | PP Nov 24 | CPC Dec 24 | AR Jan 24 | FR Jan 24 | I Feb 24 |
| Latest Update: | The CP1590 Assessment report was presented to the SVG on 9 January 2024 along with the responses from the industry consultation. The SVG approved the proposed solution for CP1586. | | | | |
| Next Event: | CP1590 will be implemented on 29 February 2024 as part of the standard February 2024 Release. | | | | |
| Issue: | <p>BSC Modification P434 ‘Half Hourly Settlement for UMS Metering Systems’ will require the retention of Non-Half Hourly Unmetered Supply (NHH-UMS) MSID in order to carry out the Change of Measurement Class (CoMC) of NHH-HH UMS MSIDs 12 months prior to the UMS Mandate Go Live Date. Under the current timetable, this date is April 2024.</p> <p>BSCP520 ‘Unmetered Supplies Registered in SMRS’ sections 3.1, 3.4 & 3.5 set out that if HH, the supplier must send appointment details to each supplier agent by issuing a D0155 Notification of new Meter Operator or Data Collector Appointment and Terms, and a D0148 Notification of Change to Other Parties. However, it does not stipulate the requirement for a D0011 ‘Agreement of Contractual terms’ to be returned by response by each supplier agent.</p> | | | | |
| Current Solution: | <p>To update BSCP520 Section 3.1 to reflect the Agent appointment Dataflows that should be used for Data Transfer Network (DTN) derived agent appointments, along with sections 3.4 and 3.5 for the same reasons.</p> <p>Note: this Change Proposal does not mandate the use of DTN dataflow exchanges but only acts to enable choice for parties and party agents alike. This is to ensure parties who do not wish to use DTN derived agent appointment processes “Electronic or other agreed method” remains possible. Thereby allowing suppliers or party agents, who choose to communicate appointments outside of the DTN, to do so.</p> | | | | |
| History | <p>The CP1590 Progression Paper was raised and presented at Supplier Volume Allocation Group (SVG) on 7 November.</p> <p>CP1590 was issued for industry consultation on Monday 13 November 2023 with responses invited by 5pm on Friday 8 December 2023. Six responses were received to the Change Proposal of which were majority in support. Changes to the redlining have been made based off respondents’ feedback}</p> | | | | |

| CP1591: New Site Visit Check Code Valid Set value | | | | | New | |
|---|---|--------|-----------------|--------|-------------------|--|
| Date Raised: | 5 December 2023 | | Proposer: | | UK Power Networks | |
| Target Implementation Date: | TBC | | Current Status: | | Consultation | |
| Progression: | PP | CPC | AR | FR | I | |
| | Dec 23 | Jan 24 | Feb 24 | Feb 24 | TBC | |
| Latest Update: | CP1591 was issued for industry consultation on Monday 11 December 2023 as part of the Change Proposal Consultation (CPC), with responses invited by 5pm on Wednesday 10 January 2024. Seven responses were received to the consultation. 3 respondents were in support of the proposed solution, 3 responses were against the solution and 1 respondent had a neutral position. One of the respondents withdrew their objection to the proposed solution as Elexon had discussed their concerns and both arrived at the conclusion that the respondent’s concerns were revolved around an antecedent change, not CP1591. | | | | | |
| Next Event: | The results of the CP Consultation as well as the CP1591 Assessment Report will be presented to the SVG for decision on 6 February 2024. | | | | | |
| Issue: | Distribution Connection and Use of System Agreement (DCUSA) Modification DCP4112 ‘Charging De-energised sites’ seeks to remove the different treatment of Distribution Use of System (DUoS) with respect to de-energised sites. This CP is a consequential Change, related to DCUSA change DCP411. If DCP411 receives approval, Licensed Distribution System Operators (LDSOs) will be required to notify Suppliers that DUoS charges are applicable to de-energised sites. DCP411 requires an update to the J00243 data set, adding a new Enumeration Value. Since J0024 is owned by the BSC (Balancing and Settlement Code), a BSC CP is necessary as part of a cross-code change package, with the BSC CP serving as a consequential change related to the primary change, DCP411. | | | | | |
| Current Solution: | Amend the Retail Energy Code’s (REC) Energy Market Data Specification (EMDS) to introduce a new Enumeration Value (valid set item) ‘De-energised DUoS charges will apply’ for the ‘Site Visit Check Code’ (J0024) Data Item for use in the LDSO to Supplier variant of the D0139 ‘Confirmation or Rejection of Energisation Status Change’. No changes are required to any BSC Configurable Items. However under REC change management procedures, any change to a Balancing and Settlement Code (BSC) owned Data Item, such as the J0024, must be approved under BSC Governance. This CP fulfils that requirement. The Implementation Date for this CP should be aligned to DCP411, as this change is required to give full and proper effect to DCP411. DCP411 is currently with Ofgem for decision, with a recommendation to implement it three months after Authority approval. Currently, the expected date for Ofgem to make a decision for DCP411 is 31 January 2024. If Ofgem has not approved DCP411 by 5pm on 5 February 2024, CP1591 will defer to the first SVG after DCP411 approval and the Implementation Date will be updated to align with DCP411. If DCP411 is rejected CP1591 will be withdrawn. | | | | | |
| History | The CP1591 Progression Paper was raised and presented at the SVG meeting on 7 November 2023. | | | | | |

III. Issue Updates

| Issue 101: Ongoing Governance, Funding and Operation of the MHHS DIP | | | Update |
|---|--|------------------|---------------|
| Date Raised: | 13 July 2022 | Proposer: | Elxon |
| Latest Update: | Elxon have been finalising the drafting for Issue 101 and sharing with the Workgroup for comment. The thirteenth Issue 101 Workgroup meeting was held on 19 December 2023, where the Workgroup discussed the updated drafting for On-Boarding and Off-Boarding (updated to reflect changes to the MHHS Program Code of Connections document), updates to the Funding drafting (to reflect the decision to develop a new DIP calculation engine), and service management. The Workgroup also discussed the updated legal text and glossary. The fourteenth Issue 101 Workgroup meeting was held on 9 January 2024 as a drop in session where Workgroup members were able to attend with any questions or comments on the drafting shared to date. | | |
| Next Event: | The Issue 101 Consultation on the proposed solution for the enduring governance of the DIP will be issued on 24 January 2024 with responses invited by 21 February 2024. The consultation responses will be taken into account before the Issue Report and drafting are published. Ofgem will consider the proposed drafting when raising the upcoming Authority led SCR Modification to implement the DIP legal text. | | |
| Issue: | 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. 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. | | |

| Issue 103: Meter Registrants and Settlement Risk – A New Way | | | No Update |
|---|--|------------------|----------------------------|
| Date Raised: | 24 August 2022 | Proposer: | Western Power Distribution |
| Latest Update: | There are a number of actions and potential actions raised by the Issue 103 Workgroup that Elxon have been investigating and progressing. These include potential improvements to current data estimation methods, potential improvements to data storage, and the potential for improved sharing of best practice. | | |
| Next Event: | The fifth Workgroup meeting will aim to review the Workgroup views against the Terms of Reference, agree recommendations, and agree ways of working going forward regarding any outstanding actions. The Workgroup meeting will be scheduled for February, once Elxon has progressed the actions from the Workgroup meetings. | | |
| Issue: | The Proposer believes that there would be value in reviewing existing controls for Settlement error prevention. It is critical to the Proposer that we address these problems prior to the Settlement timetable being shortened by Market-wide Half Hourly Settlement (MHHS) as the opportunities to readdress will be reduced thereafter. The Settlement system is crucial to the smooth operation of the GB energy market. Data used within that system is fundamental to Settlement accuracy. Preventative and detective assurance of the Settlement data is required at all stages of Settlement from Metering and Registration onwards to maintain accuracy and reduce the variation of data at later stages of the Settlement process. This assurance is required as Settlement errors can have a significant financial impact on Parties where they have over/under paid Settlement charges. | | |

| Issue 109: Treatment of domestic solar self-consumption within Settlement | | | Update |
|--|---|------------------|-------------------------------|
| Date Raised: | 9 September 2023 | Proposer: | Independent Domestic Customer |
| Latest Update: | Elexon met with the Smart Energy Research Lab (SERL) on 14 January 2024 to discuss Issue 109 and the problem which is trying to be solved. SERL offered a data set which would prove useful in trying to find a solution to Issue 109. | | |
| Next Event: | <p>Elexon will shortly look to organise the second Issue 109 Workgroup. The following tasks still need to be undertaken:</p> <ul style="list-style-type: none"> • See if there is any data showing “any sort of switch overs between import and export” how often this issue actually occurs. This to be taken from SERL. • Bring smart metering colleagues from Elexon to next Workgroup (Market Design colleagues involved in Helix/MHHS) • Elexon to carry out Cost Benefit Analysis | | |
| Issue: | Issue 109 addresses the Boundary Point Settlement metering system's handling of domestic solar PV installations. Currently, the system records electricity import and export instantaneously, which can lead to discrepancies in energy billing. Within a Settlement Period, both energy import and export can be registered due to varying solar generation and household demand. The challenge is reconciling the meter's instantaneous recordings with the net energy dynamics over the Settlement Period, especially considering Use of System charging and potential netting mechanisms like those in the Central Volume Allocation (CVA). | | |

| Issue 110: Modernising ECVN/MVRN submission and acknowledgement processes | | | New |
|--|---|------------------|------------|
| Date Raised: | 11 January 2024 | Proposer: | Elexon |
| Latest Update: | Elexon raised Issue 110 on 11 January 2024. | | |
| Next Event: | Elexon are currently in the process of forming a quorate Workgroup so that Issue 110 may commence and have its first Workgroup. The first Workgroup is currently scheduled for 8 February. | | |
| Issue: | The method of Energy Contract Volume Notification (ECVN) submission has remained the same since New Electricity Trading Arrangements (NETA) go-live in March 2001 with Section P of the BSC allowing for 20 minutes from submission to acknowledgement (after which an ECVA System Failure is declared). The current practice of notification can put Trading Parties and their counterparties at financial risk, particularly when notifying close to the Submission Deadline. This is because the rejection feedback can be close to or after the Submission Deadline leaving insufficient time to make a correction. | | |

IV. Progression of Modifications – up until implementation

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

Note: The progression plans below reflect the approved timetables.

| Mod | Title | Proposer | Date Raised | Urgent | | Dec | Jan | Feb | Mar | Apr | May | June |
|------|---|-----------------------|-------------|--------|--|-----|-----|----------|-----|-----|-----|------|
| 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 | | | | | | | | |
| P432 | Half Hourly Settlement for CT Advanced Metering Systems | Npower Commercial Gas | 2 Dec 2021 | No | | | | | | | | |
| P441 | Creation of Complex Site Classes | Green Energy | 14 Jul 2022 | No | | | | | | | | RPC |
| P442 | Reporting chargeable volumes for exempt and licensed supply | UC Energy Ltd | 7 Jul 2022 | No | | AR | RPC | DMR /FMR | WA | | | |

| Mod | Title | Proposer | Date Raised | Urgent | | Dec | Jan | Feb | Mar | Apr | May | June |
|------|---|---|-----------------|--------|--|-------------|-------------|-----|--------|-------------|-------------|------|
| P444 | Compensation for Virtual Lead Party actions in the Balancing Mechanism | BSC Panel | 8 Sep 2022 | No | | | | | | | | |
| P451 | Updating BSC Black Start provisions and compensation | NGESO | 1 Mar 2023 | No | | DMR/ FMR | WA | | | | | |
| P454 | Removal of BSC obligations to provide BMRS Data via TIBCO and the High Grade Service | BSC Panel | 13 Apr 2023 | No | | DMR/ FMR | WA | | | | | |
| P455 | On-Site Aggregation as a method to facilitate Third Party Access | Emergent Energy | 8 Jun 2023 | No | | | | | AR/RPC | DMR/ FMR | WA | I |
| P459 | Allowing different Supplier Agents to be appointed to Import and Export MSIDs | Good Energy | 1 Aug 2023 | No | | | | | | AR/RPC | DMR/ FMR | |
| P461 | Accurate Reporting of Customers Delivered Volumes to Suppliers | EnDCo | 5 Oct 2023 | No | | | DMR/ FMR | WA | | | | |
| P462 | The removal of subsidies from Bid Prices in the Balancing Mechanism | National Grid Electricity System Operator | 27 October 2023 | No | | | | | | | | |
| P463 | Introduce a Standard Change Process | BSC Panel | 9 November 2023 | No | | | | APC | AR/RPC | DMR/FMR | | |
| P464 | Housekeeping and updating BSC references to “Consumer Scotland”, “Generation Curtailment Validation Committee” and “GVCV” | BSC Panel | 9 November 2023 | | | FTMR | AI | I | | | | |

| Mod | Title | Proposer | Date Raised | Urgent | | Dec | Jan | Feb | Mar | Apr | May | June |
|------|--|-----------|-----------------|--------|--|---------|-----|-----|---------|-----|-----|------|
| P465 | Correction to P415 legal text to amend Credit Cover requirements for Virtual Trading Parties | BSC Panel | 9 November 2023 | | | DMR/FMR | AI | | | | | |
| P466 | BSC Section N Modernisation | BSC Panel | 11 January 2024 | | | | IWA | RPC | DMR/FMR | AI | | |

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 |
|------------|---|--|--|---------------------------------------|-----------------------------|

| Mod | Title | Proposer | Date Raised | | Dec | Jan | Feb | Mar | Apr | May | June |
|--------|--|----------|-----------------|--|-----|-------|-----|-----|-----|-----|------|
| CP1578 | Enabling Embedded LDSOs to submit Site Specific LLFs | Elxon | 2 May 2023 | | | | I | | | | |
| CP1582 | Remove MA from BSCP520 3.6.2.3 | Elxon | 27 Jun 2023 | | AI | | I | | | | |
| CP1584 | Allow non-BSC Parties to raise Change Proposals, add a CP withdrawal process and remove BCA/PACA concept | Elxon | 1 August 2023 | | | | I | | | | |
| CP1586 | Defining the requirements for Minimum Burden and CT ratios | Elxon | 7 November 2023 | | CPC | AR/FR | I | | | | |
| CP1587 | Obsolete Metering Equipment | Elxon | 7 November 2023 | | CPC | AR/FR | I | | | | |
| CP1588 | Mandating Calibration Checks for Main and Check Meters | Elxon | 7 November 2023 | | CPC | AR/FR | I | | | | |
| CP1589 | Create Additional Market Participant Role Codes | Elxon | 7 November 2023 | | CPC | AR/FR | | | | | |

| Mod | Title | Proposer | Date Raised | | Dec | Jan | Feb | Mar | Apr | May | June |
|--------|---|----------|-----------------|--|-----|-------|-------|-----|-----|-----|------|
| CP1590 | Enabling use of DTN agent appointments process for P434 | Elexon | 7 November 2023 | | CPC | AR/FR | I | | | | |
| CP1591 | New Site Visit Check Code Valid Set value | UKPN | TBC | | PP | CPC | AR/FR | I | | | |

VI. BSC Releases Road Map

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

| February 2024 Release | | | |
|-----------------------|--|---|------------------------------------|
| Change Number | Title of Change | BSC Central Systems/Document only impacts | Current Status of Change |
| P464 | Housekeeping and updating names | Document Only | 7. Implementation Phase |
| CP1578 | Enabling Embedded LDSOs to calculate and submit Site Specific LLFs as required | Document Only | 7. Implementation Phase |
| CP1582 | Update BSCP520 on Change of Measurement Class to ensure UMSO send a D0388 with a zero charge code | Document Only | 7. Implementation Phase |
| CP1584 | Allow non-BSC Parties to raise Change Proposals, introduce a formal CP withdrawal process and remove the BCAPACA concept from BSCP40 | Document Only | 7. Implementation Phase |
| CP1586 | Defining the requirements for minimum burden and Current Transformer (CT) ratios | Document Only | 7. Implementation Phase |
| CP1587 | Obsolete Metering Equipment | Document Only | 4. Assessment / Consultation Phase |
| CP1588 | Mandating Calibration checks for Main and Check Meters | Document Only | 7. Implementation Phase |
| CP1590 | Enabling use of DTN agent appointments process for P434 | Document Only | 4. Assessment / Consultation Phase |

| November 2024 Release | | | |
|-----------------------|--|---|--|
| Change Number | Title of Change | BSC Central Systems/Document only impacts | Current Status of Change |
| P415 | Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties | System | 7. Implementation Phase |
| P442 | Reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply | System | 5. Report / Panel Decision Phase |
| P465 | Correction to P415 legal text to amend Credit Cover requirements for Virtual Trading Parties | Document Only | 6. Authority Decision / SG Appeal Window |

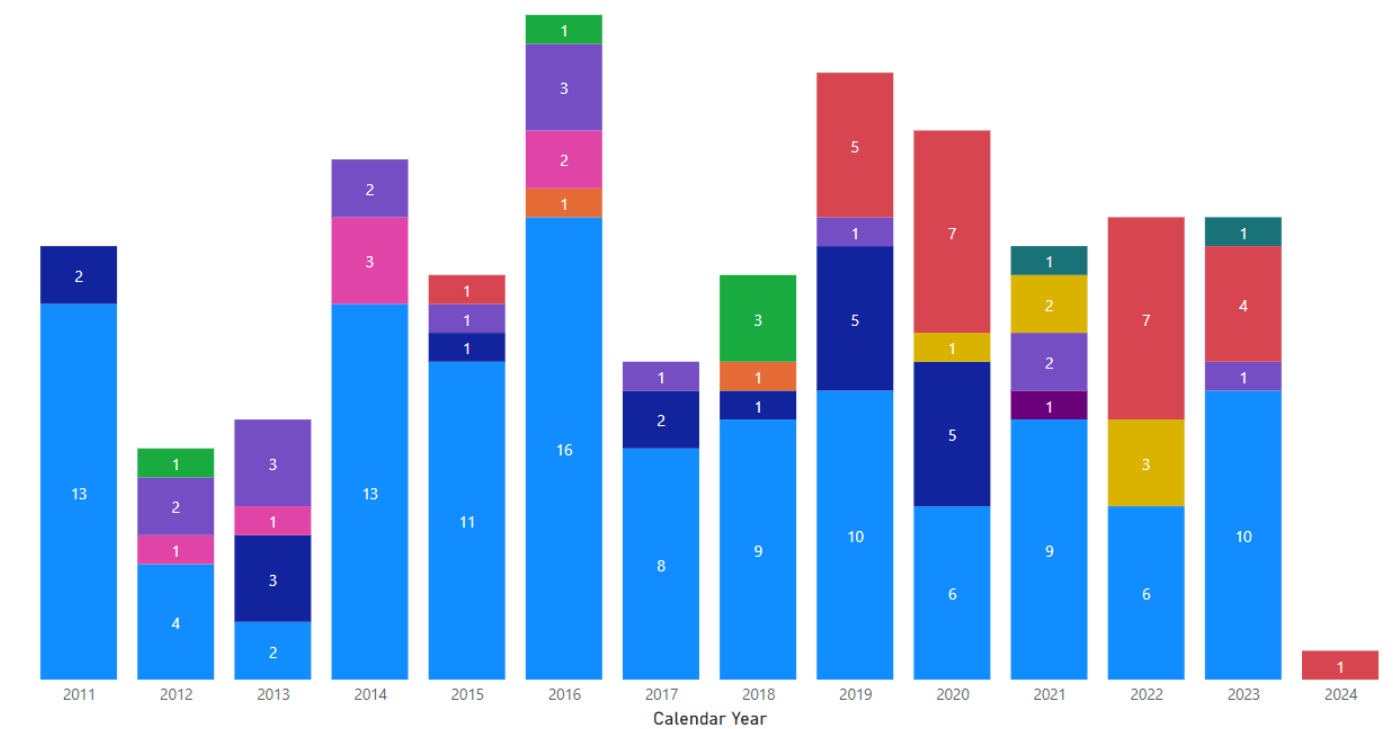
| Ad Hoc Release | | | |
|----------------|--|---|--|
| Change Number | Title of Change | BSC Central Systems/Document only impacts | Current Status of Change |
| P432 | Half Hourly Settlement for CT Advanced Meters | Document Only | 6. Authority Decision / SG Appeal Window |
| P454 | Removal of BSC obligations to provide BMRS Data via TIBCO and the High Grade Service | Document Only | 6. Authority Decision / SG Appeal Window |

| TBC Release Date | | | |
|------------------|---|---|--|
| Change Number | Title of Change | BSC Central Systems/Document only impacts | Current Status of Change |
| 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 |
| P441 | Creation of Complex Site Classes | Document Only | 4. Assessment / Consultation Phase |
| P444 | Compensation for Virtual Lead Party actions in the Balancing Mechanism | System | 6. Authority Decision / SG Appeal Window |
| P451 | Updating BSC Black Start provisions and compensation arrangements to align with NGESO's new approach to System Restoration | Document Only | 6. Authority Decision / SG Appeal Window |
| P455 | On Site Aggregation as a method to facilitate Third Party Access | Document Only | 4. Assessment / Consultation Phase |
| P459 | Allowing different Supplier Agents to be appointed to Import and Export MSIDs | Document Only | 4. Assessment / Consultation Phase |
| P461 | Accurate Reporting of Delivered Volumes to Suppliers | System | 4. Assessment / Consultation Phase |
| P462 | Introduction of BSC arrangements to compensate renewable generators for Contracts for Difference (CfD) or Renewable Obligation (RO) subsidy payments lost as a result of Bid Acceptances. | System | 2. Working to Raise |
| P463 | Standard BSC Changes | Document Only | 4. Assessment / Consultation Phase |
| P466 | This Modification seeks to update BSC Section N 'Clearing Invoicing and Payment' to support the update of the Funds Administration Agent (FAA). | Document Only | 3. Initial Assessment |
| CP1589 | Change the number of characters used to specify Market Participant Role Codes in the Market Domain Data | TBC | 4. Assessment / Consultation Phase |
| CP1591 | New Site Visit Check Code Valid Set value | TBC | 5. Report / Panel Decision Phase |

VII. Modification Trend Chart

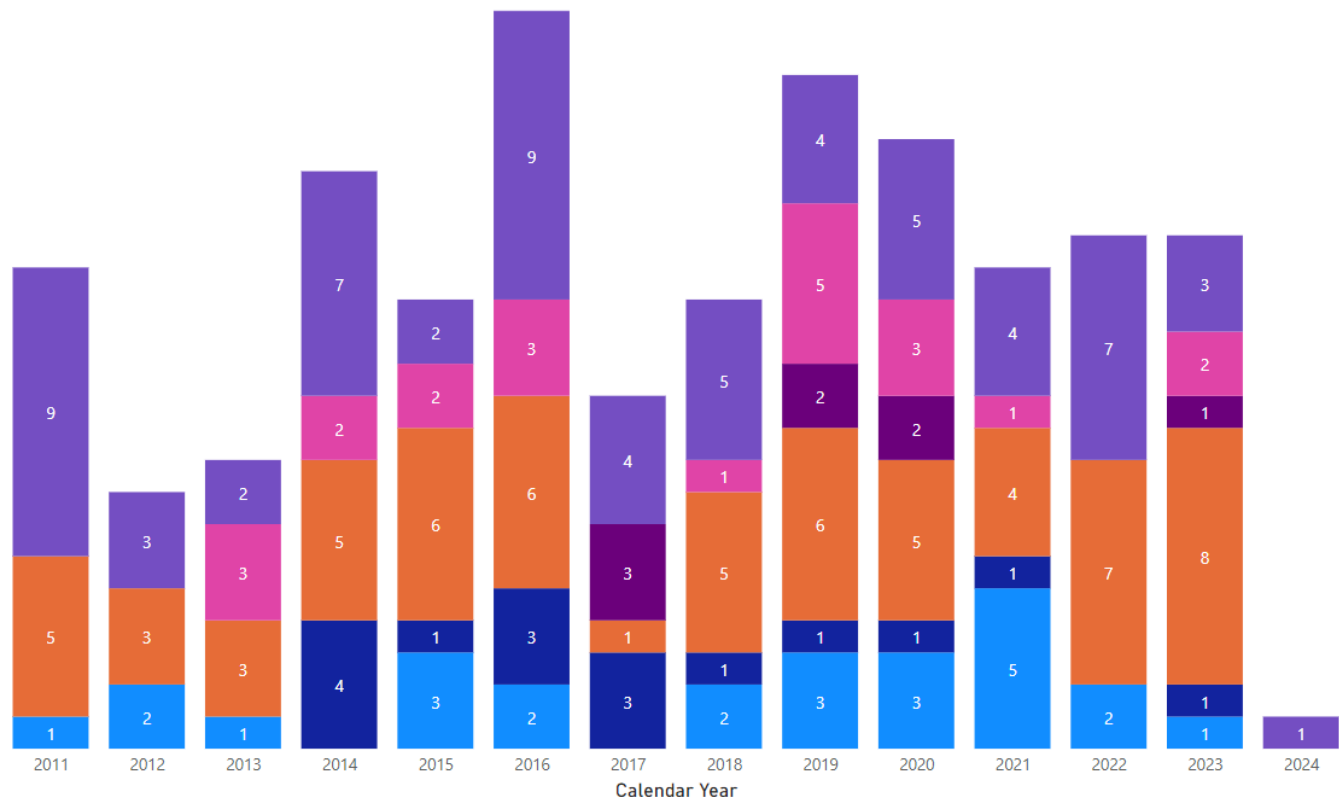
What's driving the raising of Modifications?

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



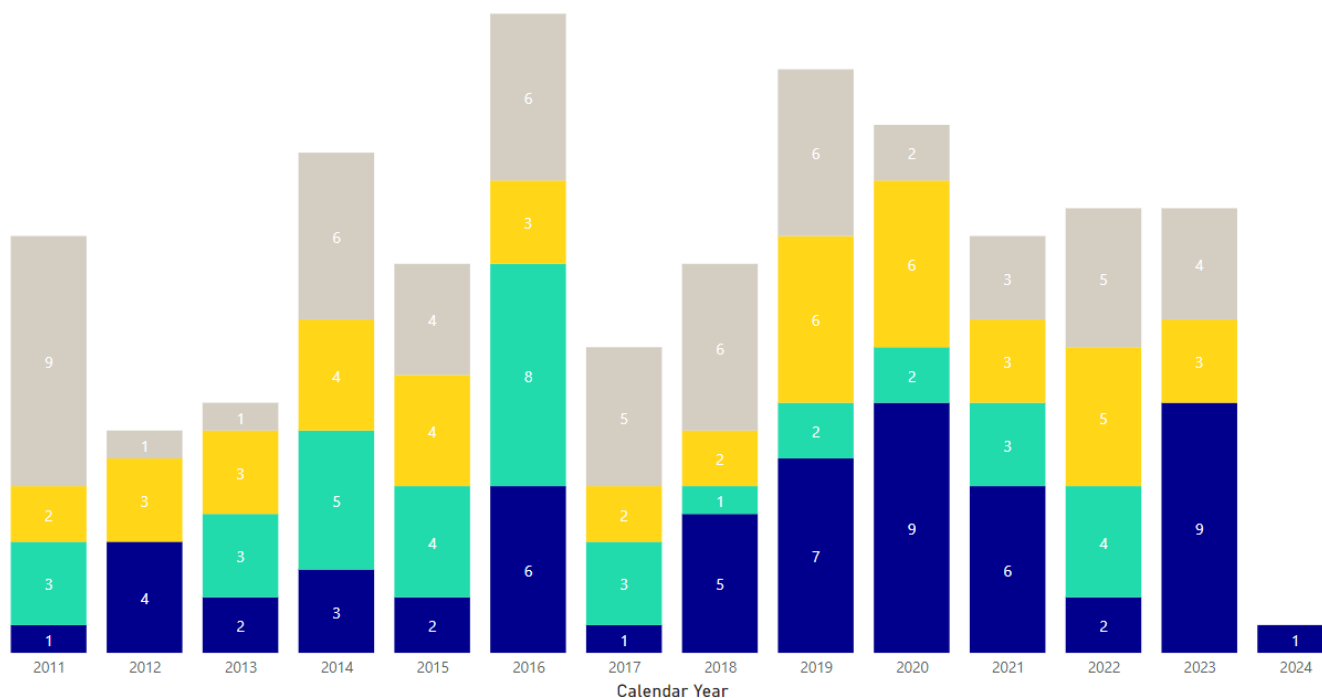
What type of Modifications are being raised?

Category L1 Assurance Credit Governance Registration Reporting Settlement



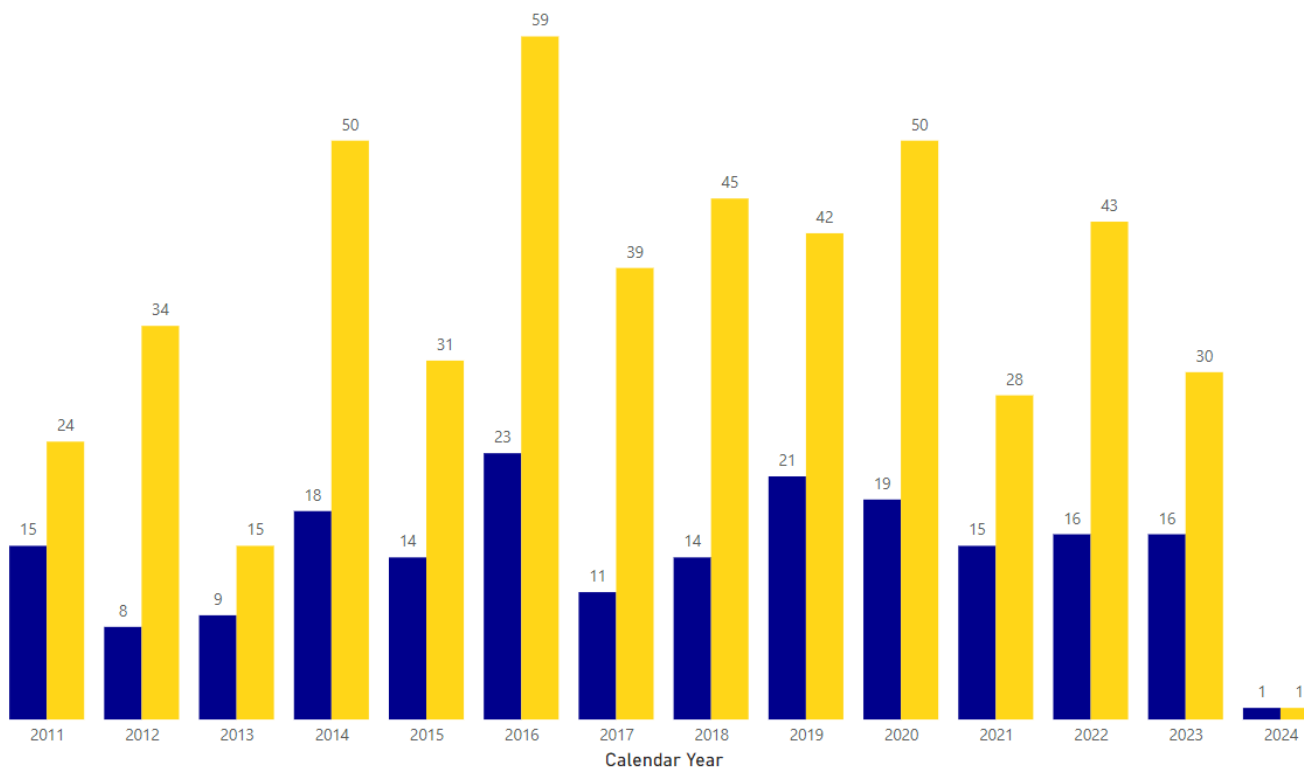
Who is raising Modifications?

Raiser ● BSC Panel ● Incumbents ● National Grid ● Other



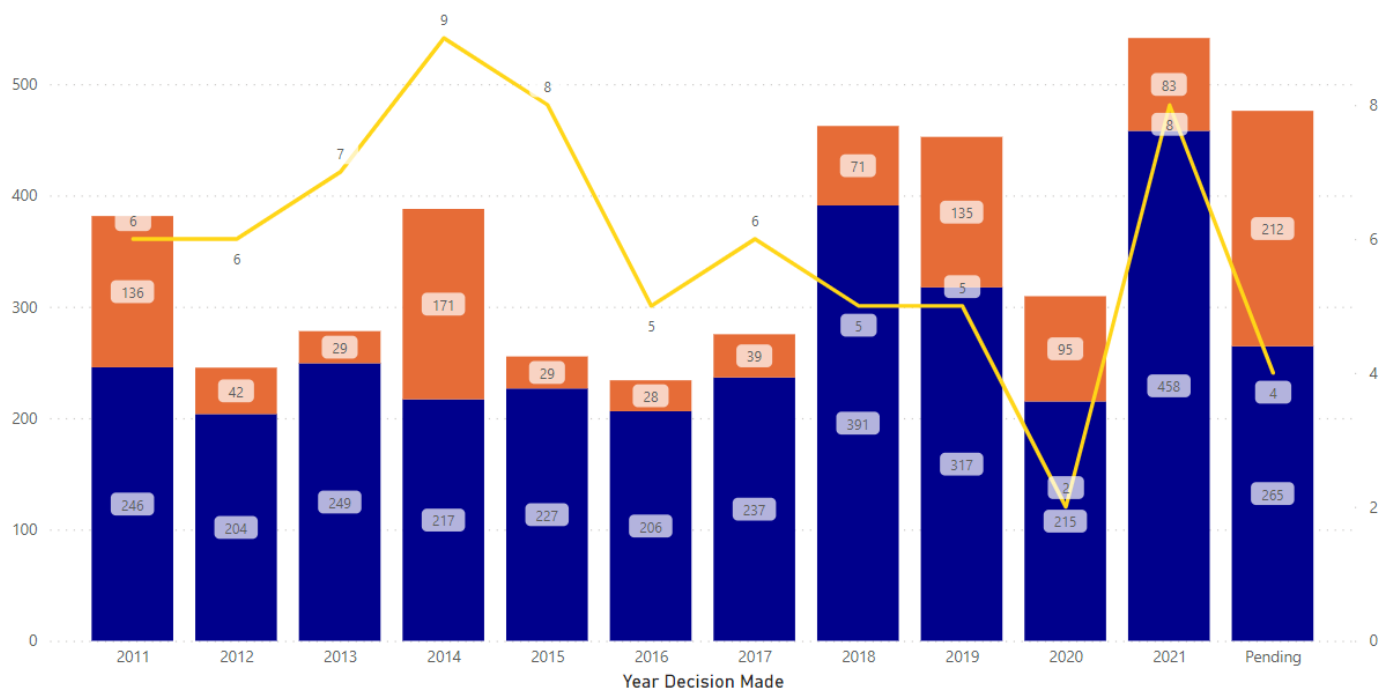
How many Modifications raised and Workgroups held?

● 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 3 month extension for P463; and
- NOTE** the contents of the February 2024 Change Report.

For more information, please contact:

Ivar Macsween, BSC Change Manager

bsc.change@elexon.co.uk

020 7380 4270

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. |