ELEXON

BSC Change Report

Date of meeting	8 December 2022	Paper number	333/02
Owner/author	Lawrence Jones	Purpose of paper	For Decision
Classification	Public	Document version	V1.0
Summary	that are currently active. It shows	the progress of each n what has changed s	ications, Change Proposals and Issues n change in a visual 'progress bar,' as since last month's Change Report. til 28 November 2022.

Summary of Open Changes

For details on the types of changes, the different phases, the types of reports and consultations please see Appendix 1.

Total changes open up until implementation

- Modifications: 15
- Change Proposals: 6
- Issues: 8

New changes since last month

• CP1571, CP1572, CP1573

Workgroups

- Five Workgroup held since last month's report: P443 22 November, Issue 101 8 November, Issue 102 3 November, Issue 103 7 November, Issue 104 16 November
- Nine Workgroups coming up: P441 6 December, P443 7 December, Issue 95 30 November, Issue 99 mid January, Issue 101 – 13 December, Issue 103 – 12 December, P415/P444 7 December, Issue 102 – 9 December and 16 December

Consultations

- Consultations closed since last month's report: P448 (Urgent EBGL Consultation): 14 October 14 November, P449 (Urgent Consultation): 2 November 8 November
- Live Consultations: November 2022 CPC: 7 November 2 December (CP1571, CP1572, CP1573)

Extension requests

None

Awaiting decision

- Authority:P432, P434
- In Self-Governance window: None

Decisions since last month

- Approved: P427, P437, P445, P449
- Rejected: None

Awaiting Implementation

- Nov 22: CP1559, CP1560, CP1563, CP1565, CP1566, CP1567, CP1570
- Feb 23: P376, P419, P428
- Jun 23: CP1558
- Nov 23: P395

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I. Modification Updates – up until decision

for non-delivery im	n-BM Balancing Serv balances at a price tl		No Update	
time value of energ Date Raised:	y 3 September 2020	Proposer:	NGESO	
Target Implementation Date:	TBC	Current Status:	Assessment Procedure	
Latest Update:	The Panel agreed to a meeting on 14 July 20		the Assessment Procedure at its	
Next Event:	Article 6(5) of the Clear P412. Dependent on t	an Energy Package, whic the outcome of the discus may need to be held to c	n the possibility of a derogation against ch would remove the need to progress ssions with Ofgem and BEIS, further onsider next steps in developing the	
Issue:	Services providers, wi	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		
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:	 metered (MPAN) level' solution. For full details visit the P412 webpage. 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. The first Workgroup meeting was held on 29 October 2020 to discuss the issue, the proposed solution, next steps and the proposed timetable. The second Workgroup meeting was held on 27 November 2020 to consider five possible solutions and discuss the pros and cons of each option. The third Workgroup meeting was held on 22 February 2021 to further consider the legal and technical issues with the five possible solutions. The fourth Workgroup meeting was held on 7 April 2021. The Proposer subsequently consulted the Workgroup and industry on the impacts that the solution options may have, to then present a cost benefit analysis to Ofgem to determine how P412 should proceed. This process was expected to conclude in November 2021. The 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. The Panel agreed to a nine month extension to the Assessment Procedure at its meeting on 14 October 2021. National Grid ESO's cost benefit analysis consultation was issued on 18 October 2021 and closed on 26 November 2021. 			

P415: Facilitating a dispatched by Virtu	ccess to wholesale m ual Lead Parties	arkets for flexibility	Update
Date Raised:	30 September 2020	Proposer:	Enel X UK Ltd
Target Implementation Date:	Second half 2024	Current Status:	Assessment Procedure
Latest Update:	The Panel approved a 4 month extension to P415's Assessment Phase so that Elexon can return with the P415 Assessment Report to the Panel at its standard meeting in April 2023. This is because the completion of the CBA took longer than expected due to availability over summer, and P444 has been raised (which P415 now needs to dovetail with). The recent urgent Modifications also meant ability to work on P415 was constrained in October.		
Next Event:		will be held on 7 Decem are for the assessment c	ber, where the Workgroup will review onsultation.
Issue:	currently obtain any va except if they work with the Balancing Mechani	lue from that flexibility from their Supplier to do so. sm, and the Capacity Ma	tible about their consumption cannot om the Wholesale Energy Market, This contrasts with Balancing Services, arket, all of which allow a customer's the involvement of the Supplier.
Current Solution:	This Modification seeks within the Wholesale E		arties to obtain value from flexibility
History:	Presented on 8 October Assessment Phase. Workgroup 1 – held on Modification. Workgroup 2 – held on Workgroup 3 – held 25 P376 functionality and Workgroup 4 – held on charging arrangements Workgroup 5 – CEPA p paper can be found on Workgroup 6 – held on approach to Supplier C Workgroup 7 – held on credit and reporting red Workgroup 8 – held on related to the P415 CB wholesale market and Workgroup 9 – held on end solution review, no alternative views Workgroup 10 - held on benefit analysis (CBA) Elexon issued the Call which closed on 9 May Workgroup 11 – held on methodologies for calc Workgroup 12 - held on	td on 30 September 202 er 2020, where the Panel 11 December and discuss 9 February and discuss March where the group considered network char 27 May 2021 where the s, VLP's role in the marke prepared a CBA options the P415 webpage. 3 September 2021 where compensation within the 0 28 October 2021 where quirements. 10 December 2021, where a outcome and determine balancing market volume 1 February 2022, where of 22 February, where CE methodology and assum for Evidence for P415 to r, receiving 9 responses f in 30 May, where the P4 ulating the Supplier Com in 1 July, where CEPA pro-	agreed to progress P415 to the ssed the principles behind the ed more complex worked examples. considered how best to incorporate rging. Workgroup discussed current network et and imbalance settlement. paper on behalf of the Workgroup. The re the Workgroup reviewed the Cost Benefit Analysis piece. the Workgroup continued to assess ere the Workgroup noted updates hed the method for separating

Workgroup 14 - held on 7 October, where the Workgroup considered the final CBA findings

	elated BSC Parties' redit Cover Percent	Energy Indebtedness age calculation	s No Update
Date Raised:	11 October 2021	Proposer:	Drax Energy Solutions Limited
Target Implementation Date:	ТВС	Current Status:	Assessment Procedure
Latest Update:	mitigations and furth due to constraints ca September. The Wo	er refine the solution. Thi aused by the two urgent N	on 20 October 2022 to consider risk s meeting was held later than planned, <i>I</i> odifications raised at the end of at despite the discussed mitigation ion.
Next Event:	The Proposer will consider which of the proposed risk mitigations presented by Elexon and discussed by the Workgroup they would like to be included in the solution. Once this feedback is received, Elexon will develop business requirements and request Service Provider Impact Assessment(s) to provide the Proposer and Workgroup with a view of costs and impacts. A further Workgroup meeting will be scheduled to be held in late December or early January to capture the Workgroup's views prior to Assessment Procedure Consultation.		
Issue:	The current method for calculating BSC Party Energy Indebtedness is inefficient for Parties who have multiple BSC Parties within their group of companies. Currently, BSC Party Energy Indebtedness is calculated individually for each BSC Party (a legal entity, registered with Companies House) and Credit Cover must be lodged on that basis. Currently there is no option for companies within the same group to provide collective credit arrangements. With individual calculation and lodging of credit, Parties are unable to optimise provision into a single position resulting in disproportionate and inefficient levels of credit being lodged in aggregate.		
Current Solution:	This Modification proposes to provide the option that related BSC Parties are able to rely on shared credit arrangements and provision. Where BSC Parties are related (i.e. within the same body corporate), the proposal is that the Energy Indebtedness of each BSC Party should be combined and the Credit Cover Calculation then performed on the combined position. Parties would assume joint liability in the event Elexon calls on Credit, and so overall risk to Settlement should remain the same as for the current arrangements.		
History:	 Drax Energy Solutions Limited raised P426 on 11 October 2021. The Initial Written Assessment was presented to the Panel on 14 October 2021. The Panel agreed by majority that P426 can progress for a six month Assessment Procedure. The Panel approved a four month extension to the Assessment Procedure at its meeting on 10 March 2022 due to delays forming and holding a quorate Workgroup. The first Workgroup meeting was due to be held on 27 April 2022 but was postponed due to quoracy issues. The first Workgroup meeting was held on 28 June 2022. The Workgroup considered the background to P426, the proposed solution and the Terms of Reference. The Panel agreed to a six month extension to the Assessment Procedure at its meeting on 14 July 2022. The second Workgroup meeting was held on 7 September 2022, and considered the requirements of the proposed solution. 		

P427: Publication of on Settlement Risk	f Performance Assura	ance Parties' impact	Update
Date Raised:	14 October 2021	Proposer:	BSC Panel
Target Implementation Date:	23 February 2023	Current Status:	Awaiting Implementation
Latest Update:	P427 was approved by Ofgem on 28 November 2022, for implementation on 23 February 2023 as part of the standard February 2023 release.		
Next Event:	P427 will be implemented on 23 February 2023 as part of the standard February 2023 release.		
Issue:	Through industry engagement undertaken as part of the Performance Assurance Framework (PAF) review project, one of the problems identified was that issues often take longer to resolve than expected, given appropriate resource allocation to issue resolution by relevant market participants. This was particularly evident in respect of the Error and Failure Resolution (EFR) process where EFR plans often take a considerable time to be resolved, with many plans remaining open for over a year.		
Current Solution:	 P427 seeks to amend BSC Section Z – Performance Assurance to allow the Performance Assurance Board (PAB) to recommend that the Panel publish notices to industry in respect of Performance Assurance Parties' (PAPs') contribution to Settlement Risk along with relevant risk data. Additionally, notices detailing the error/impact would be published to industry if one of the following is triggered: Where a PAP within the EFR process fails against a milestone within its EFR plan after previously having been escalated to the PAB for the same EFR plan. Where the PAB deems that the publication of one or more sets of performance data would have a beneficial impact on performance it may recommend to the Panel for said data to be published via Peer Comparison. Where a PAP's action or inaction results in a market wide impact with a total materiality meeting or exceeding the market wide impact threshold proposed by the PAB and approved by the BSC Panel. 		
History :	Party impact threshold proposed by the PAB and approved by the BSC Panel. The BSC Panel raised P427 following its meeting on 14 October 2021. The Initial Written Assessment was presented to the Panel at its meeting on 14 October 2021. The Panel agreed unanimously that P427 can progress for a six month Assessment Procedure. The first Workgroup meeting was held on 19 January. The second Workgroup meeting was held on 1 March 2022 where the group further discussed the solution options and viewed the drafted redlining. The Panel also granted a three month extension for this Modification due to delays caused by forming a quorate Workgroup meeting was held 20 April where the Workgroup considered the updated redlining and voted on objectives for the Modification. The fourth Workgroup was held on 10 May to finalise voting on the redlining. The Assessment Procedure Consultation (APC) was sent out to industry on 20 May 2022 with the Workgroup initially recommending approval of this Modification. An extension request was approved for P427 at the June Panel meeting as a contingency, however it was not needed. The Assessment Consultation closed on 10 June 2022 receiving nine responses, seven of which were in support of the solution. The fifth Workgroup was held on 16 June to discuss the responses. The majority of the Workgroup recommend that P427 is approved.		

The Assessment Report was presented to the Panel at its meeting on 14 July. The Panel made an initial recommendation to approve the Modification. The Report Phase Consultation was issued on 18 July, with responses invited by 18 August. We received six formal responses, with the majority believing P427 should be rejected. Five respondents responded to the Assessment Consultation but not the Report Phase Consultation. We contacted these participants to confirm if their views had changed. All five of them, held the same view as before, that P427 should be approved. The Draft Modification Report was presented to the Panel at its meeting on 8 September where it received a majority recommendation of approval for implementation on 23 February 2023.

P432: Half Hourly S Systems	ettlement for CT Adva	anced Metering	Update
Date Raised:	2 December 2021	Proposer:	Npower Commercial Gas Limited
Target Implementation Date:	29 June 2023	Current Status:	Awaiting Decision
Latest Update:		Modification Report was	sent to the Authority for decision on opprove P432.
Next Event:	P432 is currently with A	uthority for decision.	
Issue:	Identifiers (MSIDs) are Development Group (C settle HH by October 20 there will be insufficient issues that may arise w	settled on a Half Hourly (CDG) has recommended 023. If this recommendati time for Customers, Sup	uires that all Metering System HH) basis. The Code Change and I moving CT Advanced Meters to on is not implemented the risk that pliers and their Agents to address Iy against the backdrop of the larger r 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		
History:	 Advanced Meters will be expected to settle HH from October 2022. 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. 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. 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. 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. 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. 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.

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

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

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. 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.

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.

	Half Hourly Settle the I as Metering Systems	Non-Half Hourly	Update
Date Raised:	3 February 2022	Proposer:	Npower Commercial Gas Limited
Target Implementation	+5 Working Days after Authority	Current Status:	With Authority
Date: Latest Update:	Decision The Draft Modification Report was presented to the Panel on 10 November 2022 where the Panel recommended approval. The Final Modification Report was sent to the Authority on 16 November 2022 for decision.		
Next Event:		he Authority for decision.	
Issue:	Hourly (HH) basis. The recommended moving settle HH between Oct	Code Change and Deve Non-Half Hourly (NHH) U	ers (MSIDs) are settled on a Half- elopment Group (CCDG) has Jnmetered Supplies (UMS) MSIDs to 2024, to mitigate the risk of not meeting Full Business Case
Current Solution:	P434 proposes to man place corresponding of Measurement Class (C solution should also se registered directly into 2023.	date the Settlement of N oligations on parties to co CoMC) process between (a deadline by which any the HH Settlement Proce	HH UMS MSIDs on a HH basis and to p-operate in the Change of October 2023 and October 2024. The y new UMS MSIDs have to be ess. It is proposed this is from October
History:	The Initial Written Asse February 2022, where The first Workgroup me the background, issue Terms of Reference an The Workgroup initially The Panel granted P43 the timeline for P434 ca second P434 Workgroup objective for the meetin agree a solution for the The third Workgroup m recommendation by ma Consultation was issue The fourth Workgroup presented the Assessm Members. Like P432, r didn't agree this Modifi Programme and could The BSC Panel approvi conversations with the held before presenting meeting, or earlier, if pe Workgroup noted that the and the MHHS Program The Assessment Repo Workgroup meeting the was better to ask the M available evidence to s Report. For example, the transition straight into the	essment was presented to it was progressed to the a eeting for P434 was held and proposed solution fo ad gave their initial views or recommend P434 is app 34 a three month extension aused by capacity issues up meeting took place 20 ng, to agree the draft legal or CoMC process. neeting was held on 8 Jur ajority was to approve P4 ed on 21 June 2022, with Meeting for P434 was he nent Procedure Consultant nany of the Suppliers rest cation should be implement of the Assessment Report of ossible. This includes a of the P434 compliance deal mme is currently finalising of the Suppliance deal mme is currently finalising of the Support the case for change of determine what the chan he TOM for NHH UMS i.et the extension for P434 so	on 18 March 2022. Elexon presented r P434. The Workgroup considered the on the BSC Applicable Objectives. broved. on due to delays with P432 affecting with the Workgroup and Elexon. The May, successfully meeting its al text for the proposed solution and the 2022. The Workgroup's initial 34. The P434 Assessment Procedure responses invited by 12 July 2022. Id on 21 July 2022, where Elexon tion responses to the Workgroup ponding to the P434 Consultation ented separately to the MHHS olementing these changes earlier. ion for P434 so that further a further Workgroup meeting can be to Panel by its November 2022 one month contingency. The adlines are fixed to the MHHS timetable

Assessment Report to Panel by its November 2022 meeting, or earlier, if possible. The Panel granted the extension. The fifth Workgroup meeting was held on 9 September 2022. The Workgroup was presented with the MHHS Programme's responses to their questions and their final votes and recommendations were gathered. The Workgroup by majority believe that P434 should be approved as it better facilitates Applicable BSC objectives (c) and (d). The P434 Assessment Report was presented to the BSC Panel on 13 October 2022, where the Panel agreed to progress it to the Report Phase. The P434 Report Phase Consultation was issued on 14 October 2022, with responses due 28 October 2022. Eight responses were received to the consultation, with the majority agreeing that P434 should be approved.

<u>P437</u> : Allowing non Dispensations	-BSC Parties to reque	st Metering	Update
Date Raised:	10 March 2022	Proposer:	BSC Panel
Target Implementation Date:	+10 Working Days after Self-Governance Objection window closes	Current Status:	Implemented
Latest Update:		ed during the Self Gover November 2022 via Spe	nance Objection Window, so P437 ecial BSC Release.
Next Event:	P437 was implemented	on 17 November 2022.	
Issue:	apply for a Metering Dis Metering Equipment wil limits the opportunity for Metering site, as Regist	pensation, if for financial l or does not comply with r an earlier submission, p rants of a Metering Syste	Registrant of the Metering System to or practical reasons, the applicable the relevant Code of Practice. This preferably in the design stage of the em are typically appointed later than of the related Metering System.
Current Solution:	 the recommended 14 weeks prior to energisation of the related Metering System. Section L 'Metering' of the BSC will be amended to allow non-BSC Parties to request applications for Metering Dispensations. A Meter Operator Agent (MOA) will assess the proposed design and location of the Metering System and assess compliance against the BSC and the relevant CoP. The relevant MOA can make an application for a Metering Dispensation on behalf of the site operator. 		
History:	against the BSC and the relevant CoP. The relevant MOA can make an application for a Metering Dispensation on behalf of the site operator. The BSC Panel raised P437 at its meeting on 10 March 2022. The Panel agreed to progress P437 to the Assessment phase. The first Workgroup meeting took place on 24 May. Elexon presented the background, issue and proposed solution for P437. The Workgroup provided their views on the proposed solution, which informed the draft redline text for the P437 solution. The Panel, at its March meeting, granted a two-month extension to the P437 Assessment Procedure to accommodate the delays caused by the quoracy issue. The second P437 Workgroup meeting took place on 23 June 2022, where the Workgroup considered agreed the proposed draft redline text, Assessment Consultation questions and finalised the Workgroup Terms of Reference (ToR). The P437 Assessment Consultation was issued on Monday 11 July, with comments welcomed by Friday 29 July 2022. Two comments were received from industry, with both respondents were in favour of implementing the P437 solution and agreeing with the Workgroup's initial views. The third P437 Workgroup meeting took place on Monday 8 August 2022, where the Workgroup considered the Consultation Responses, agreed the final solution and recommended to the Panel that P437 is approved. The P437 Assessment Report was presented at the September Panel meeting. The Panel made the decision to send P437 to the Report Phase. The P437 Report Phase Consultation was issued to industry for 10 Working Days on 14 September 2022, with responses due 28 September 2022. The Panel initially believed P437 should be approved. One response was received in support of the Modification. The BSC Panel considered the Draft Modification Report at its meeting on 13 October 2022 and agreed to approve P437 under Self-Governance. The P437 Self- Governance Objection window ran from 13 October until 3 November, with no appeals		

P441: Creation of C	Complex Site Classes		Update
Date Raised:	7 July 2022	Proposer:	Green Energy
Target Implementation Date:	29 June 2023	Current Status:	Assessment Procedure
Latest Update:		••••	to be held on 6 October but had to be progression timetable of urgent
Next Event:	The second Workgrou	p meeting will be held on	Tuesday 6 December 2022.
Issue:	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. 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.		
Current Solution:	 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). 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. 		
History:	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. 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.		

P442: Reporting ch licensed supply	nargeable volumes for	exempt and	Update
Date Raised:	7 July 2022	Proposer:	UC Energy Ltd
Target Implementation Date:	TBC	Current Status:	Assessment Procedure
Latest Update:	October but, due to the constrained in October.	recent urgent Modification	e held in the week commencing 3 ons, availability to work on P442 was s an issue in November and capacity per.
Next Event:	. .	o o	scheduled for January 2023. At this Ferms of Reference, as agreed by the
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. There is currently no process that allows for correct allocation of appropriate chargeable volumes for Supplier Volume Allocation (SVA) Metering Systems where a		
Current Solution:	 portion should be exempt, and another portion should be licensable. 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. 		
History:	 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. 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. 		

<u>P443</u> : To Cap NGE Lost Load (VoLL)	SO Interconnector Tra	des at the Value of	Update
Date Raised:	17 August 2022	Proposer:	Saltend Cogeneration Company Ltd
Target Implementation Date:	+2 Working Days after Authority Decision	Current Status:	Assessment Procedure
Latest Update:	meeting on 13 October	2022. The second Work ner develop and refine th	o the Assessment Procedure at its group meeting was held on 22 e proposed solution and further
Next Event:	• •	-	December 2022 to further consider and ment Procedure Consultation in mid-
Issue:	At the current time National Grid Electricity System Operator (NGESO) can trade at prices above the Value of Lost Load (VoLL – as defined in BSC Section T 1.12). This adds to customers' costs and sends a signal to the markets that customers are willing to buy power at any price. In a cost of living crisis the Proposer does not believe that the British public are prepared to buy energy at any price.		
Current Solution:	The solution will require NGESO to cap its offers to Interconnector Users to no more than VoLL, as defined in the BSC. These trades are included in the Balancing Services Adjustment Data (BSAD) file, which is sent from NGESO to Elexon. Elexon process the BSAD file for the purposes of Settlement and reporting.		
History	 P443 was raised by Saltend Cogeneration Company Ltd on 17 August 2022. The Proposer requested that the Modification be treated as Urgent. The Panel considered the request at an Urgent Panel meeting on 18 August 2022 and voted by majority to recommend to the Authority that P443 should be treated as an Urgent Modification Proposal. The Urgency letter was sent to the Authority on 19 August 2022 with a response requested by 25 August 2022. The Authority decided on 25 August 2022 that P443 should not be progressed on an urgent basis and P443 will now follow a standard Assessment Procedure. The first P443 Workgroup meeting was held on 15 September 2022, to consider the issue, the proposed solution, and the Terms of Reference. 		

	on for Suppliers and V ty actions in the Bala		Update	
Date Raised:	1 September 2022	Proposer:	Flexitricity	
Target Implementation Date:	Second half 2024	Current Status:	Assessment Procedure	
Latest Update:	Elexon have been drafting Legal Text to give effect to P444, before an Assessment Consultation aimed for early January 2023.			
Next Event:	Workgroup meeting 2 will be held on 7 December, where the Workgroup will review the legal text and prepare for the assessment consultation.			
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. As part of P444 assessment, the Proposer and Workgroup will consider whether to incorporate the compensation mechanism being developed for P415.			
History:	P444 was raised by Flexitricity on 1 September 2022. 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.			

	iciency of Default Fur y Supply Company Ac		Update	
Date Raised:	8 September 2022	Proposer:	BSC Panel	
Target Implementation Date:	+10 Working Days after Self-Governance Objection window closes	Current Status:	Implemented	
Latest Update:		ed during the Self Gover November 2022 via Spe	nance Objection Window, so P445 ecial BSC Release.	
Next Event:	P445 was implemented	on 17 November 2022.		
Issue:	The Default Funding Share (DFS) process requires nine Working Days (WD) from generating the Advice Note to receiving funds. The unpaid amount is mutualised and invoiced to all other BSC Parties pro rata after six WD. This leaves the Funds Administration Agent (FAA) with insufficient funds to balance payments to zero until the non-payment is recovered. The FAA must therefore use a borrowing facility to cover the debt with debt interest paid by all customers. If there are insufficient funds to cover payments out, the FAA will operate a shortfall process. This results in payments out to BSC Parties being scaled back until the funds can be recovered by DFS. This can have an impact on BSC Party cash flow and creates a significant administrative burden for the FAA, putting daily Trading Charge processes at risk. Further, the shortfall process does not impact all Parties equally, those that have			
Current Solution:	amounts payable are not impacted. The solution is based on a change to FAA system, the BSC and Code Subsidiary Documents to allow Trading Charges for BSC Parties in Section H Default to be mutualised from the Advice Note date Advice Note/Notification date onwards without delay to reduce the duration of outstanding payments.			
History:	The Panel raised P445 in accordance with BSC Section F.2.1.1(d)(i) at its meeting on 8 September 2022, as it agreed it would better facilitate Applicable BSC Objective (d). The Panel unanimously agreed that the Modification should be progressed directly to the Report Phase as the proposal is of a minor nature and the solution is fully developed. The Panel also had the initial view that P445 should be approved. The Report Phase Consultation was issued on 12 September 2022, with responses due 27 September 2022. No responses were received. The Draft Modification Report for P445 was presented to the Panel on 13 October 2022, where the Panel approved P445 under Self Governance.			

	enerators subject to l by Emergency from ex			
Charges				
Date Raised:	28 September 2022	Proposer:	Scottish and Southern Energy	
Target Implementation Date:	+1WD after Authority Decision	Current Status:	With Authority	
Latest Update:	responses received. The meeting and made the Alternative solution. The BSC Panel consider on 18 November and responses to the section of the	he Workgroup consider ir final recommendation lered the Draft Modifica ecommended to Ofgen he Final Modification R	ed on 14 November 2022, with 15 red the responses at the sixth Workgroup in to the BSC Panel to approve the ation Report at an urgent Panel meeting in that the P448 Alternative solution report was submitted to Ofgem on Friday	
Next Event:	P448 is with the Autho	rity for decision.		
Issue:	The war in Ukraine and resultant gas shortages in Europe significantly increases the risk of Generators in GB being prevented from generating this winter (due to Firm Load Shedding during a Gas Supply Emergency). If that happens Generators are likely to incur massive Imbalance Charges and credit cover requirements, potentially causing them to become insolvent. Even if such an Emergency does not occur, the risk that it could occur is likely to force Generators to reduce their forward and Day Ahead trading, reducing liquidity in electricity markets, and raising costs for electricity consumers.			
Current Solution:	 This Modification proposes to address these risks by allowing such Firm Load Shedding instructions to be settled as Bids. A new Panel Committee will validate the Bid Payments and Imbalance Charges after the event, to verify that Generators have been protected from Imbalance Charges caused by events outside their control, but have not profited from the arrangements. The solution for the Alternative Modification retains all the key aspects of the Proposed solution but it provides the NGSESVC with additional powers that are intended to make the protection of the P448 solution available to a broader range of embedded generators 			
History:	 P448 was raised by Scottish and Southern Energy on 28 September 2022. The Proposer requested that the Modification be treated as Urgent. The Panel considered the request at an Urgent Panel meeting on 29 September 2022 and voted unanimously to recommend to the Authority that P448 should be treated as an Urgent Modification Proposal. The Urgency letter was sent to the Authority on 29 September 2022. The Authority decided that P448 should be progressed on an urgent basis on 30 September 2022. P448 was progressed via an urgent timetable and procedure approved by Ofgem. Joint Workgroup meetings, alongside GC0160, were held on 4, 5, 6 and 7 October 2022. P448 was issued for industry Consultation on 7 October with responses invited by 12 October. 22 responses were received from industry. The majority of respondents felt that P448 was positive in terms of facilitating the BSC Objectives, however many respondents noted that it would only be positive if the solution was expanded to include the potential alternative options being considered. The fifth P448 WG meeting was held on 14 October, where the WG considered the consultation responses and agreed the P448 Proposed and Alternative Modification should be progressed. The P448 Urgent EBGL Report, which contained the details of the P448 Proposed and Alternative Modification, was issued for industry Consultation on 14 October, with industry invited to respond by 14 November 2022. 			

<u>P449</u> : Energy Bill R customers	Relief Scheme for non-	domestic	Update	
Date Raised:	31 October	Proposer:	NGESO	
Target Implementation Date:	+1 Working Day after Authority Decision	Current Status:	Submission	
Latest Update:	P449 was submitted for an Urgent Modification Consultation on 2 November 2022 with responses invited by 8 November 2022. One response was received, and that was in support of the Modification. The Panel considered the consultation responses at an Urgent Panel meeting on 9 November 2022. The Panel recommended that P449 be approved. On 10 November 2022, Ofgem approved P449 for implementation on 11 November 2022 as part of a special BSC release.			
Next Event:	P449 was implemented	l on 11 November 2022 a	s part of a special BSC release.	
Issue:	 P449 was implemented on 11 November 2022 as part of a special BSC release. European energy prices have increased dramatically, following the ending of lockdown and the gas crisis initiated by Russia's invasion of Ukraine. Further rises are expected in the future and, as we approach winter, there are concerns over the number of businesses who may not be able to afford energy costs, resulting in potential for insolvencies and loss of jobs. It is also possible that the increased energy costs could cause further Supplier failures. As a result of these concerns the Government has proposed the Energy Bill Relief Scheme (EBRS) for non-domestic customers, with discounts applied to energy usage initially between 1 October 2022 and 31 March 2023. The intention is for Elexon to act as the EBRS electricity payment provider. The activities that Elexon is permitted to undertake are outlined in BSC Section C 'BSCCo and its Subsidiaries'. Currently, the activities stipulated in BSC Section C do not include provisions for the EBRS scheme. 			
Current Solution: History:	 The proposed solution is to make changes to BSC Section C to extend the vires for Elexon. The amendment would have to allow Elexon to undertake a new non-settlement related function as payment provider for the scheme. In contrast to the domestic Energy Price Guarantee Scheme (see P446 for details), Elexon is not required to carry out any calculations or validation of the claims for the EBR Scheme, as these processes will be carried out by BEIS. P449 was raised by NGESO on 31 October. 			
nistory:	The Proposer requested that the Modification be treated as Urgent.			

II. Change Proposal Updates – up until decision

in the SVA Data Ca	atalogue, the REC EN	red SMRS data items IAR Data	Update		
Specification and I Date Raised:	6 September 2022	Proposer:	Elexon		
Target Implementation Date:	29 June 2023	Current Status:	Consultation		
Latest Update:	responses invited by received, with all resp improvements to the better align with the re	CP1568 was issued for Industry Consultation on Monday 12 September 2022 with responses invited by Friday 7 October 2022. Seven consultation responses were received, with all respondents in support of CP1568, although highlighting some improvements to the redlining to better align with REC change R0066 In order to better align with the related R0066 change, the date of decision for CP1568 was moved to December 2022, one month later than originally outlined.			
Next Event:	CP1568 will be prese decision.	ented to the SVG at its mee	eting on 6 December 2022, for		
Issue:	CP1558 'New Registration data items and processes to support the MHHS transition', will introduce changes to BSCP501 and BSCP515 to specify six additional data items that each Licensed Distribution System Operator (LDSO) will be required to send to the relevant Supplier Meter Registration Agent (SMRA). The Supplier Meter Registration Service (SMRS) will then be required to send these new data items to the Electricity Enquiry Service ('EES', formerly known as 'ECOES'). However, before the EES can publish any new data items received from the SMRS, they must first be registered in the Retail Energy Code (REC) Energy Market Asset Repository (EMAR) Data Specification and the EES software will need to be amended to accommodate the data items. CP1558 did not include any change to the EMAR Data Specification so EES will not be able to publish the four new data items specified in CP1558 before this CP has been implemented				
Current Solution:	It is proposed that the EMAR Data Specification is amended to include the four new data items specified in CP1558 and the SVA Data Catalogue Volume 2 document is amended to include these new data items - plus one additional item which already exists in the EMAR Data Specification. BSCP604 will also be amended to allow the LDSO to request Retrospective Manual Adjustment of these six data items. BSCP501 and BSCP515 will be amended to align terminology with respect to these six data items, and also remove redundant references to 1998 Trading Arrangements Indicator. Note that no changes are required to the SVA Data Catalogue Volume 1, as the information sent by SMRS to EES is not specified as a Market Message (or data flow) in the EMAR Data Specification.				
History:	 CP1568 was raised by Elexon on 6 September 2022. CP1568 Progression Paper was presented to the Supplier Volume Allocation Group (SVG) at its meeting on 6 September 2022. The committee agreed to progress the CP to the Consultation phase. CP1568 was issued for Industry Consultation on Monday 12 September 2022 with responses invited by Friday 7 October 2022 				

CP1569: Amendments to the IDD documentation to align Update				
with SAA migration				
Date Raised:	6 September 2022	Proposer:	Elexon	
Target Implementation Date:	23 February 2023	Current Status:	Awaiting Implementation	
Latest Update:		•	on 1 November 2022, for decision. lementation on 23 February 2023.	
Next Event:	CP1569 will be impleme 2023 release.	ented on 23 February 202	23 as part of the standard February	
Issue:	The Settlement Administration Agent (SAA) BSC System can currently access a database shared with the Central Registration Agent (CRA) BSC System and Central Data Collection Agent (CDCA) BSC System. However, the SAA BSC System will be migrated to a new cloud platform by February 2023 and will no longer have access to this shared database.			
Current Solution:	The proposed solution for this CP is to amend the NETA Interface Definition and Design (IDD) documentation to reflect the future state of the interactions between the SAA System and the CRA and CDCA Systems.			
History:	 CP1569 was raised by Elexon on 6 September 2022. CP1569 Progression Paper was presented to the Imbalance Settlement Group (ISG) at its meeting on 6 September 2022. The committee agreed to progress the CP to the Consultation phase. CP1569 was issued for Industry Consultation on Monday 12 September 2022 with responses invited by Friday 7 October 2022. One response was received to the consultation in support of CP1569. 			

CP1571: Clarify the requirements for the number of Meter measuring elements and measurement transformers in the			New	
<u>CoPs</u>				
Date Raised:	1 November 2022	Proposer:	Elexon	
Target Implementation Date:	29 June 2023	Current Status:	Consultation	
Latest Update:		CP1571 was raised by Elexon on 1 November. CP1571 was issued for consultation on 7 November 2022.		
Next Event:	The CP1571 consultat	The CP1571 consultation will close on 2 December 2022.		
Issue:	The Metering Codes of Practice (CoPs) specify the number of measuring elements required to be metered in relation to the number of primary system conductors. However, the requirements do not appear to be sufficiently clear or are not being complied with.			
Current Solution:	number of Current Tra	CP1571 proposes to clarify the requirements to equipment owners regarding the number of Current Transformers (CT) needed, and the possible need for a Voltage Transformer (VT) neutral.		

CP1572: Specifying the requirements to provide Single Line Diagrams (SLDs) for High Voltage (HV) and Extra High Voltage (EHV) sites			New		
Date Raised:	1 November 2022	Proposer:	Elexon		
Target Implementation Date:	29 June 2023	Current Status:	Consultation		
Latest Update:	CP1572 was raised by Elexon on 1 November. CP1572 was issued for consultation on 7 November 2022.				
Next Event:	The CP1572 consultation will close on 2 December 2022.				
Issue:	Currently there is no requirement in the BSC to produce SLDs despite a number of BSC processes requiring one to be submitted. Without the requirement to produce SLDs being specified, some Parties have not felt incentivised to create them.				
Current Solution:	CP1572 seeks to add a requirement to the relevant Codes of Practice (CoPs) that mandates that an SLD must be created, and be auditable, for new High Voltage (HV) and Extra High Voltage (EHV) Metering Systems, or reconfiguration of HV and EHV sites.				

	nts to the approved N		New	
	preadsheet, SVA Data rket Message for P37			
Date Raised:	1 November 2022	Proposer:	Elexon	
Target Implementation Date:	23 February 2023	Current Status:	Consultation	
Latest Update:	CP1573 was raised by	Elexon on 1 November 2	022.	
Latest opuate.	CP1573 was issued for	consultation on 7 Novem	nber 2022.	
Next Event:	The CP1573 consultation	on will close on 2 Decem	ber 2022.	
Issue:	During the continued P376 development process, Elexon has identified that some amendments are required to the approved changes to the IDD Part 1 Spreadsheet, SVA Data Catalogue Volume 2 and the Retail Energy Code's' EMAR Data Specification to ensure that the BSC CIs accurately reflect the P376 solution. Elexon has also identified that a change is required to the structure of the D0393 Market Message 'Metered Volume History Acceptance'.			
Current Solution:	This Change Proposal seeks to amend the IDD Part 1 Spreadsheet, SVA Data Catalogue Volume 2 and the Retail Energy Code's' EMAR Data Specification to ensure that the BSC Configurable Items accurately reflect the P376 solution. It also seeks to amend the HDI group in the P0311 'Invalid Metering System Data' flow to reinstate the Message Role 'D' (Data) to ensure the structure of P0311 is not changed by P376 implementation. Furthermore, a change is required to the format of the new D0393 'Metered Volume History Acceptance' Market Message, so that the 'History Days' group is optional, to ensure that HHDAs will be able to respond appropriately to a D0393 Market Message 'Request for Metered Volume History.			

III. Issue Updates

Issue 95: Assessing the continued use of TIBCO service as a source of data for market participants			Update	
Date Raised:	17 June 2021	Proposer:	Elexon	
Latest Update:	group will consider the	The next meeting of the Issue 95 group will take place on 30 November, where the group will consider the outcome of Elexon's additional analysis and consider their overall recommendation.		
Next Event:	u	Following this Workgroup meeting on 30 November, Elexon are expecting to be able to finalise the Issue report with the aim of taking it to the January 2023 Panel		
Issue:	This Issue Group seeks to establish the future of the TIBCO messaging service with the migration of BMRS as part of Elexon's transformation programme. Elexon is building a new Solution for BMRS and need to understand views from BSC Parties to improve value with regards to data publications. Elexon believe it is now important to re-examine the requirements of BSC Parties and BMRS users in relation to the longevity and current implementation of the BSC obligations with respect to TIBCO.			

	the reporting to EMF etering Systems that		Update	
Date Raised:	6 August 2021	Proposer:	UC Energy Ltd	
Latest Update:	The Issue Report will be	e sent for review by the V	Vorkgroup in December.	
Next Event:	Following the Workgroup review, the Issue Report will be finalised with the intention of it being presented to the BSC Panel in January 2023.			
Issue:	The Balancing and Settlement Code Company (BSCCo) is required to provide to the Electricity Market Reform Settlement company (EMRS) the BSC Metered Volumes it requires to accurately calculate Capacity Market (CM) and Contracts for Difference (CFD) charges. This Issue seeks to explore enduring solutions which allow correct reporting to EMRS of chargeable volumes for Supplier Volume Allocation (SVA) Metering Systems that record both exempt supply and licensed supply. There is currently no process that allows for allocation of appropriate volumes where a portion should be exempt and another portion should be licensable.			

Issue 99: Review the use of the D0215 flow and its associated processes			Update	
Date Raised:	2 March 2022	Proposer:	UK Power Networks	
Latest Update:	The Issue 99 Consultation concluded on Friday 1 July 2022, with 13 comments received from Supplier Volume Allocation (SVA) Meter Operator Agents (MOAs), Licensed Distribution System Operators (LDSOs) and Suppliers. The second Issue 99 Workgroup meeting took place on Tuesday 2 August 2022. At this meeting, the Workgroup considered the RFI responses and agreed the final solution and draft redline text requirements.			
Next Event:	The third Issue 99 Workgroup meeting was due to be held in October but had to be delayed due to resource constraints caused by the urgent Modifications. The next Workgroup meeting is now likely to be held in mid January 2023. At this meeting the Workgroup will consider the draft redline text, provide their feedback and conclude the Issue 99.			
Issue:	The D0215 data flow currently records some of the same information contained in the D0383 'Notification of Commissioning Information' data flow such as current and voltage transformer (CT/VTs ratios) (J0454 and J0455) respectively, therefore duplicating information across both data flows. The D0383 is populated following the Commissioning of Metering Equipment meaning the information in the D0383 has been validated as correct. However, the information in the D0215 is often unreliable, given it is requested prior to Commissioning. The Data Items within the D0215 that are not duplicated (Supply Capacity, Supply Voltage) may still be utilised and so the D0215 could be retained but edited to remove the duplication.			

Issue 100: Assessir NGESO's Distribute	ng BSC Black Start pro ed ReStart project	ocesses to support	No Update
Date Raised:	5 April 2022	Proposer:	NGESO
Latest Update:	Issue 100 pending the of Grid Code (GC) Modific System Restoration Sta as, although the subgro have implications for Di- comfortable with this ap	butcome of the Markets a ation <u>GC0156</u> 'Facilitatin Indard'. NGESO believed up is exploring system re stributed ReStart and the	GESO proposed pausing the work of and Funding Mechanism subgroup of g the Implementation of the Electricity I this would be an efficient use of time estoration more widely, it is felt it will erefore Issue 100. The Proposer is orkgroup Members have been up.
Next Event:	in November/December Issue 100 Workgroup, a and how GC0156 impac the Issue 100 Workgrou	r 2022. Elexon intend to s along with a note on actio cts Issue 100. Elexon will	er 2022 and is due to publish its report share the subgroup report with the ons from the first Workgroup meeting also set out a plan for next steps for I BSC Modification(s) arising from Workgroup approval.
Issue:	NGESO's Distributed R participate in an update as Black Start in the BS service, the networks it providers may be utilise Distributed ReStart is a solar, wind and hydro, o unlikely event of a black provision of this new se The Issue Group will co	eStart project seeks to end d version of Electricity Sy C). This will broaden the can be provided from an ed. project exploring how dis can be used to restore po cout, i.e., provide a Black rvice will commence from	nable distribution-connected Plant to ystem Restoration (currently defined range of providers who can offer the d the situations in which these stributed energy resources such as ower to the transmission network in the Start service. It is expected that the n 2025 onwards. and whether any changes to the BSC,

Issue 101: Ongoing the MHHS DIP	Governance, Funding	g and Operation of	Update							
Date Raised:	13 July 2022	Proposer:	Elexon							
Latest Update:	The second Issue 101 Workgroup meeting was held on 8 November 2022, where the Workgroup discussed Governance and Change Management for the DIP.									
Next Event:			held on 13 December 2022, where the hange Management for the DIP.							
Issue:	to support delivery of th Operating Model (TOM) frequency of data more Platform (DIP) is the de Issue 101 intends to de arrangements that can	e Market-wide Half Hour and will be able to respond quickly than the current livery mechanism for the fine the requirements and	d principles for the on-going DIP quent BSC Modification, including the							

Issue 102: BSC Cha	nge Process Review		Update
Date Raised:	17 August 2022	Proposer:	Elexon
Latest Update:	been further developing	g the use cases for identi	eir November meeting, Elexon have fied high-priority ideas, and preparing during the first 2 meetings.
Next Event:	December 2022, to sco outcomes from these m be required before the	pre and prioritise the idea neetings, we will assess h	uled for 9 December and 16 s and quick wins. Subject to the now many more industry meetings will ted and finalised (current view that this an that).
Issue:	 areas for improvement BSC Change process to addressed or the BSC The key issues/areas for below: There is a perception There is a perception There is a perception The BSC Chart those participation The BSC Chart those participation 	in the BSC Change proc o identify possible ways i Change Process could be or improvement that the r ception that the BSC Chan low and that the benefits re quickly; age process is considered ting in the process to und ious stages in the develo es from engaging in the B	tified a number of key issues/possible ess. The Issue Group will review the in which these key issues could be e improved. review will consider are summarised nge process, like other codes' change associated with BSC Changes could d complex and it can be difficult for derstand what will be required from opment of a change. This may associated process and limit
15540.	-	f BSC Changes. Smaller	nsistently represented in the organizations in particular tend to be
	solutions in the course at least one of the follo	of its work we require that	d if appropriate develop the potential at any solutions developed will achieve
	Simplify the BS	C Change Process;	
	 Improve quality 	of BSC Change solution	ns and reports.
	simplifying the BSC Ch		ired between speeding up and ing that the quality of BSC Change d.

Issue 103: Meter F Way	Registrants and Settl	ement Risk – A New	Update
Date Raised:	24 August 2022	Proposer:	Western Power Distribution
Latest Update:	considered who is b discussed if any cha	est placed to ensure over	n 7 November 2022. The Workgroup rall Metering System accuracy and impacts associated with Independent s.
Next Event:	discuss if the curren purpose. Additionally whether the calculat light of increased em	t allocation of responsibility the Workgroup will disc ion methodology for Line	2 December 2022. The Workgroup will ities for Metering are relevant and fit for uss whether there is a case to explore Loss Factors (LLFs) are fit for purpose in ind the meter consumption and, in some s).
Issue:	Settlement error pre problems prior to the Hourly Settlement (M thereafter. The Settlement syste Data used within tha Preventative and de of Settlement from M reduce the variation is required as Settlement	vention. It is critical to the e Settlement timetable be MHHS) as the opportunition em is crucial to the smooth at system is fundamental for tective assurance of the solution detering and Registration of data at later stages of	Settlement data is required at all stages onwards to maintain accuracy and the Settlement process. This assurance ignificant financial impact on Parties

	ing RTS Cost Recovery	y Arrangements	Update
Under the BSC			
Date Raised:	26 October 2022	Proposer:	Elexon
Latest Update:	discussed the Terms o	f Reference for the Issue. Elexon have circulated a s	ovember 2022 where the Workgroup As only Suppliers attended the first survey to gather further opinions, with
Next Event:	Depending on the outc meeting will be held to	-	the Issue will be closed or a second
Issue:	operational costs for the Costs' is due to expire are expected to rise fro re-establish industry su onwards, and confirm H Suppliers/Generators). through intermediary, H an ENA/BBC contract. The BBC have advised primarily due to increas Radio transmitters (as internal financial gover providing the RTS serve Whilst suppliers are co and utilise RTS to ensu to be supported until a Any Supplier can gain Without the RTS service likely that the way in w	e Radio Teleswitch Servic on 31 March 2023. The E om c.£1.5m to a possible of upport for passing RTS con- now the costs should be a It's worth mentioning tha Elexon has no control ove the ENA that the operati- ses in the cost of electricit advised by the BBC). It's nance controls, the BBC a vice. ntinuing the rollout of Sma- ure that customers using I Smart metering solution, customers with Teleswitch ce operating, and without hich existing Radio Telesy able, and in extreme case	etworks Association (ENA) to pass the ce (RTS) through the BSC as 'BSC BSC pass-through operational costs c.£5.5m. Therefore, Elexon wishes to osts through the BSC from April 2023 apportioned (for example t since the BSC acts as a pass- r the RTS cost, which is set through onal costs for the RTS are rising cy needed to power the Long Wave worth noting that due to its strict are not permitted to make a profit from art Meters, there is a need to extend Load Switching devices can continue or alternative proposals, are installed. h metering arrangements. an alternative solution, it is highly witched equipment operates will es, some consumers could lose hot

IV. Progression of Modifications – up until implementation

Key	Initial Written	Assessment	Report Phase:	WA: With	<u>AI:</u>	<u> </u>	CBA:
	Assessment:	Procedure:	RPC: Report Phase	Authority	Awaiting	Implementati	Cost/Benefit
		AR: Assessment	Consultation	Awaiting	Implemen	on	Analysis
		Report	DMR: Draft Modification	Decision	tation		
		APC: Assessment	Report				
		Procedure Consultation	FMR: Final Modification				
			Report				

Mod	Title	Proposer	Date Raised	Urgent	Oct	Nov	Dec	Jan	Feb	Mar	Apr
P376	Utilising a Baselining Methodology to set Physical Notifications for Settlement of Applicable Balancing Services	Enel Trade S.P.A.	11 Dec 2018	No							
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No							
P412	Ensuring non-BM Balancing Services providers pay for non- delivery imbalances at a price that reflects the real- time value of energy	NGESO	3 Sep 2020	No							
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	Enel X	30 Sep 2020	No							AR

Mod	Title	Proposer	Date Raised	Urgent	Oct	Nov	Dec	Jan	Feb	Mar	Apr
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	NGESO	6 May 2021	No							
P425	Amendment to the definition of Shared SVA Meter Arrangement	E.ON Energy Solutions Limited	6 Oct 2021	No	I						
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation	Drax Energy Solutions Limited	11 Oct 2021	No				APC	AR/ RPC	DMR/ FMR	
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	BSC Panel	14 Oct 2021	No	WA						
P428	Correction to P376 Legal Text	BSC Panel	11 Nov 2021	No							
P432	Half Hourly Settlement for CT Advanced Metering Systems	Npower Commercial Gas	2 Dec 2021	No		DMR/ FMR	WA				
P434	Mandate to Half Hourly Settle the Non-Half Hourly Unmetered Supplies Metering Systems	Npower Commercial Gas Limited	3 Feb 2022	No	AR/ RPC	DMR/ FMR	WA				
P437	Allowing non-BSC Parties to request Metering Dispensations	BSC Panel	10 Mar 2022	No	DMR/ FMR	I					
P441	Creation of Complex Site Classes	Green Energy	14 Jul 2022	No			AR				
P442	Reporting chargeable volumes for exempt and licensed supply	UC Energy Ltd	7 Jul 2022	No							

Mod	Title	Proposer	Date Raised	Urgent	Oct	No	ov	Dec	Jan	Feb	Mar	Apr
P443	To Cap NGESO Interconnector Trades at the Value of Lost Load (VoLL)	Saltend Cogeneration Company Ltd	17 Aug 2022	No					APC		AR	RPC
P444	Improving efficiency of Default Funding Share process and Energy Supply Company Administration	BSC Panel	8 Sep 2022	No								
P445	Improving efficiency of Default Funding Share process and Energy Supply Company Administration	BSC Panel	8 Sep 2022	No	DMR/ FMR		I					
P447	Avoiding impact of Winter Contingency actions on cash-out prices	NGESO	28 Sep 2022	Yes	I							
P448	Protecting Generators subject to Firm Load Shedding during a Gas Supply Emergency from excessive Imbalance Charges	Scottish and Southern Energy	28 Sep 2022	Yes	APC/ RPC	DM FN	-	AI/I				
P449	Energy Bill Relief Scheme for non-domestic customers	NGESO	31 Oct 2022	Yes	IWA/ DMR/							

V. Progression of Change Proposals – up until implementation

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

Mod	Title	Proposer	Date Raised	Oct	Nov	Dec	Jan	Feb	Mar	Apr
CP1558	New Registration data items and processes to support the MHHS transition	Elexon	16 Feb 2022							
CP1559	Complex Sites Process Improvements	Elexon	22 Feb 2022		I.					
CP1560	Demand Control Event Settlement Adjustment Process Clarifications	Elexon	3 Mar 2022		I.					
CP1563	Altering the Trigger Point for CT Commissioning	Northern Power Grid	5 Apr 2022		I					
CP1565	Updates to address Central Management System issues	Elexon	6 Jul 2022	AI	I.					
CP1566	Introducing the CVA Commissioning End to End Check (CEEC)	Elexon	5 Jul 2022	AI	I.					
CP1567	Creation of a new BSCP for Assurance Information Requests (AIRs)	Elexon	14 Jul 2022	AI	I					
CP1568	Inclusion of new LDSO- mastered SMRS data items	Elexon	6 Sep 2022	СРС	AR	AI				

Mod	Title	Proposer	Date Raised	Oct	Nov	Dec	Jan	Feb	Mar	Apr
CP1569	Amendments to the IDD documentation to align with SAA migration	Elexon	6 Sep 2022	СРС	AR	AI		I.		
CP1570	Housekeeping amendments to BSCP65 and BSCP70 to include reference to 'Asset Metering Virtual Lead Party'	Elexon	6 Sep 2022	AI	I					
CP1571	Clarify the number of Meter measuring elements and measurement transformers	Elexon	1 Nov 2022		PP/ CPC	CPC	AR	AI	AI	AI
CP1572	Specifying the requirements to provide SLDs for HV and EHV sites	Elexon	1 Nov 2022		PP/ CPC	CPC	AR	AI	AI	AI
CP1573	Amendments to the IDD Pt 1 Spreadsheet, SVA DC and REC EMAR Data Specification for P376	Elexon	1 Nov 2022		PP/ CPC	СРС	AR	I		

VI. BSC Releases Road Map

The tables below summarise the scope of each BSC Release. Further information can be found on the <u>Releases</u> page of our website.

November 2022 Release				
Change Number	Title of Change	BSC Central Systems/Document only	Current Status of Change	
CP1559	Complex Sites Process Improvements	Document Only	7. Implementation Phase	
CP1560	Demand Control Event (DCE) Settlement Adjustment Process clarifications	Document Only	7. Implementation Phase	
CP1563	Altering the Trigger Point for CT Commissioning	Document Only	7. Implementation Phase	
CP1565	Updating BSCP520 to address operational issues in the Central Management System	Document Only	7. Implementation Phase	
CP1566	Introducing the CVA Commissioning End-to-End Check (CEEC)	Document Only	7. Implementation Phase	
CP1567	Creation of a new BSC Procedure (BSCP) for Assurance Information Requests (AIRs)	Document Only	7. Implementation Phase	
CP1570	Housekeeping amendments to BSCP65 and BSCP70 to include reference to 'Asset Metering Virtual Lead Party'	Document Only	7. Implementation Phase	

February 2023 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P376	Utilising a baselining methodology as an alternative to Physical Notifications	System	7. Implementation Phase
P419	Enhanced Reporting of demand data to NETSO to facilitate BSUoS Reform	System	7. Implementation Phase
P428	Correction to P376 Legal Text	Document Only	7. Implementation Phase
P427	Publication of Performance Assurance Parties' impact on Settlement Risk	Document Only	7. Implementation Phase
CP1569	Amendments to the IDD documentation to align with SAA migration	Document Only	7. Implementation Phase
CP1566	Introducing the CVA Commissioning End-to-End Check (CEEC)	Document Only	7. Implementation Phase

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

November 2023 Release			
BSC Central			
Change Number	Title of Change	Systems/Document only	Current Status of Change
		impacts	
P395	Final Consumption Levies (FCLs)	System	7. Implementation Phase

TBC Release Date				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Target Implementation Date
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	Jun 24
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	System	4. Assessment / Consultation Phase	Dec 24
P426	Combining related BSC Parties' Energy Indebtedness positions for the Credit Cover Percentage calculation	System	4. Assessment / Consultation Phase	Nov 23
P432	Half Hourly Settlement for CT Advanced Meters	Document Only	6. Authority Decision / SG Appeal Window	5WD after Authority decision
P434	Enabling change to move NHH Unmetered Supplies to HH Settlement for Market-wide Half-Hourly Settlement	Document Only	6. Authority Decision / SG Appeal Window	5WD after Authority decision
P441	Creation of Complex Site Classes	Document Only	4. Assessment / Consultation Phase	Jun 23
P442	Reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply	System	4. Assessment / Consultation Phase	TBC
P443	To Cap NGESO Interconnector Trades at the Value of Lost Load (VoLL)	Document Only	4. Assessment / Consultation Phase	2 WD after Authority decision
P444	Compensation for Virtual Lead Party actions in the Balancing Mechanism	System	4. Assessment / Consultation Phase	TBC
P448	Protecting Generators subject to Firm Load Shedding during a Gas Supply Emergency from excessive Imbalance Charges	Document Only	6. Authority Decision / SG Appeal Window	1WD after Authority Decision
CP1571	Clarifying the requirements for the number of measuring elements in the relevant CoPs	Document Only	4. Assessment / Consultation Phase	Jun 23
CP1572	Specifying the requirements to provide Single Line Diagrams (SLDs) for High Voltage (HV) and Extra High Voltage (EHV) sites in the relevant CoPs, to ensure assurance is maintained, especially in scenarios where the AMP is not aligned with the DMP.	Document Only	4. Assessment / Consultation Phase	Nov 23
CP1573	Amendments to the IDD Spreadsheet, SVA DC Volume 2 and REC EMAR Data Specification for P376	Document Only	4. Assessment / Consultation Phase	Feb 23
CP1568	Inclusion of new LDSO-mastered SMRS data items in the SVAData Catalogue, the REC EMAR Data Specification and BSCP604	Document Only	4. Assessment / Consultation Phase	Jun 23

VII. Modification Trend Chart

What's driving the raising of Modifications?

Driver

Defect

Europe

Legislation

Legislation (inc. CMA)

Ofgem

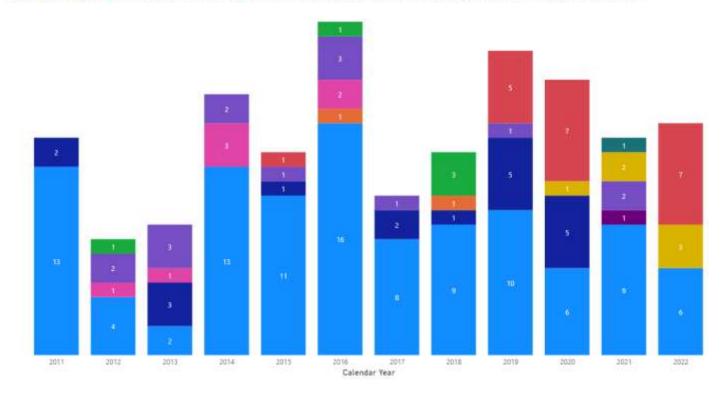
Other Code

SCR

Strategic Improvement

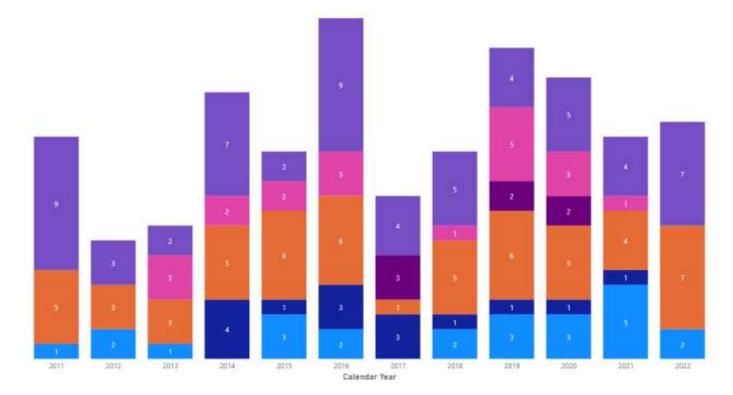
Workgroup / Committee / Issue

Workgroup/Committee



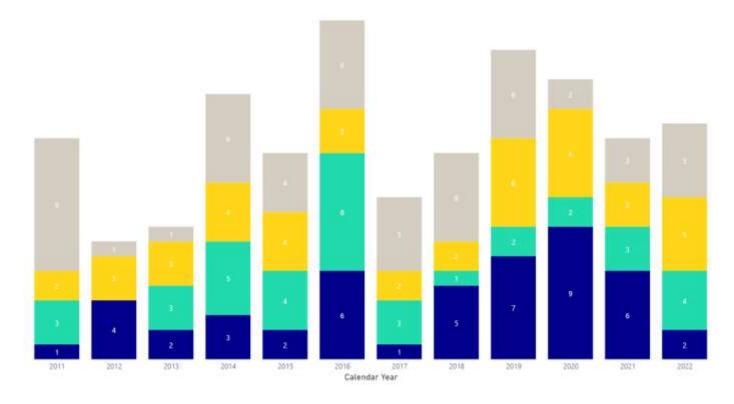
What type of Modifications are being raised?

Category L1
Assurance
Credit
Governance
Registration
Reporting
Settlement



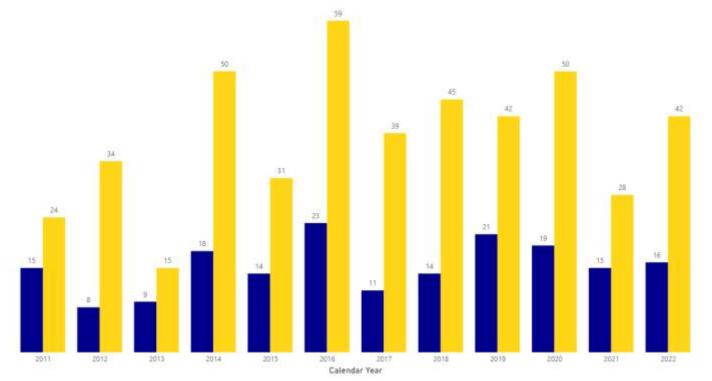
Who is raising Modifications?

Raiser ●BSC Panel ●Incumbents ●National Grid @Other



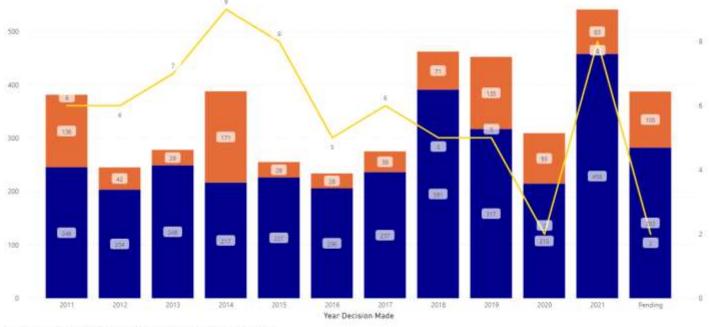
How many Modifications raised and Workgroups held?

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 Ofgern
 Mean calendar days for Ofgern to make decision
 Count of Mods decided



* excludes Self-Covernance, Text-Track Self Covernance, straight to Report Phase and Urgert Modifications

VIII: Recommendations

We invite the Panel to:

a) **NOTE** the contents of the December 2022 Change Report.

For more information, please contact:

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Appendix A

Key

Stage	Modifications	Change Proposals
Initial Written Assessment	Includes Elexon's Initial Written Assessment of the implications of each Modification Proposal and a recommendation of how the Modification should proceed.	Includes Elexon's Initial Written Assessment of the implications of each Change Proposal to seek Committee(s) initial views and agree the consultation questions.
Assessment Procedure	Workgroups are held to develop and assess the proposal. The Workgroup recommendations are consulted on (Assessment Procedure Consultation), before being submitted to Panel with the Workgroup's recommendations on how to proceed (Assessment Report). The Panel initial views are gathered.	The proposal is consulted on in a Change Proposal Consultation Batch. The relevant Committee(s) then decide(s) whether to approve or reject the Change Proposal.
Report Phase	The Panel's initial views on whether to approve and timescales for implementation are consulted on (Report phase Consultation). The responses to the consultation are then presented to the Panel for their final views (Draft Modification Report). The Panel decide whether to approve or reject the Modification and publish the Final Modification Report. If the Modification cannot be approved under Self-governance, the Final Modification Report is sent to Ofgem for decision.	Not applicable.
Awaiting Decision	Modifications that have been submitted to Ofgem for decision or Modifications that have been decided on by the Panel under Self-Governance arrangements and are still subject to objection by BSC Parties (15 Working days after the Panel's decision).	Not applicable.
Awaiting Implementation	Modifications that have been approved but not yet implemented and details of Modifications that have been rejected or withdrawn.	Change Proposals that have been approved but not yet implemented and Change Proposals that have been rejected.
Rejected / Withdrawn	Modifications that have been rejected by the BSC Panel/ the Authority or withdrawn by the Proposer or the Pane	Change Proposals that have been rejected by the Panel or the relevant Panel sub- Committee.