ELEXON

BSC Change Report

Date of meeting	13 July 2023	Paper number	340/02
Owner/author	Lawrence Jones	Purpose of paper	For Decision
Classification	Public	Document version	V1.0
Summary		e progress of each hat has changed s	• •

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: 13
- Change Proposals: 8
- Issues: 5

New changes since last month

• P455, P456, CP1581, CP1582

Workgroups

- Four Workgroups held since last month's report: P451 14 June, Issue 105 31 May, Issue 106 15 June, Issue 107 6 June
- Nine Workgroups coming up: P441 w/c 24 or 31 July, P442 early August, P451 9 August, P454 18 July, P455 early August, P456 w/c 17 July, Issue 101 late July, Issue 103 August, Issue 106 early August

Consultations

- Consultations closed since last month's report: May CPC Batch: 9 May 6 June
- Live Consultations: June CPC Batch: 12 June 7 July, Issue 101 BR Consultation: 14 June 12 July, Issue 107: 23 June 14 July
- Consultations coming up: July CPC Batch: 10 July 4 August, P451 APC: August

Extension requests

None

Awaiting decision (decision cut-off)

• Authority: P415 (6 Oct 2023), P432 (n/a), P443 (31 Jul 2023), P444 (6 Oct 2023)

Decisions since last month

- Approved: None
- Rejected: None

Implemented since last month

• Jun 23: CP1558, CP1568 CP1571, CP1572, CP1580

Awaiting Implementation

• Nov 23: P395, P453, CP1574, CP1575, CP1576

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I. Modification Updates – up until decision

<u>P412</u> : Ensuring non-BM Ba delivery imbalances at a p						No Update			
energy			1						
Date Raised:	3 Septemb	per 2020	Proposei	NGESO					
Target Implementation Date:	TBC		Current S		Assessme	nt Procedure	: on-hold		
Progression:	IWA Sep 20	APC On-hold	AR Nov 23	RPC Dec 23	DMR Jan 24	FMR Jan 24	I TBC		
Latest Update:	At its Janu Assessme	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.							
Next Event:	against Ar to progres BEIS, furth	ticle 6(5) of s P412. Dep	the Clean Er bendent on th oup meetings	nergy Packa ne outcome	ge, which we of the discus	sibility of a de ould remove ssions with O consider nex	the need		
Issue:	Balancing volumes.	Services pr	oviders, whe an the GB ma	re their deliv	very does no	/lechanism (E t match instr eets the requ	ucted		
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:	P412 was presented Procedure The first W the propose The secon possible s The third W the legal a The fourth subsequen solution op determine November The Panel meeting of timetable f October 20 meetings n steps. The Panel meeting of consultatio	raised on 3 to the Pane orkgroup m sed solution, ad Workgroup olutions and Workgroup r and technica Workgroup ntly consulte botions may h how P412 s 2021. approved a n 8 April 202 for the cost h 021, with a v may be required approved a n 14 Octobe on was issue	el on 10 Sept neeting was h next steps a p meeting was l discuss the neeting was l issues with meeting was ed the Workg nave, to then should proce a six month e 21 for this an benefit analy view to then uired to consi a nine month of 2021. National ed on 18 Octoors a six month e	2020. The Ir ember 2020 held on 29 C and the prop as held on 2 pros and cc held on 22 I the five pos s held on 7 roup and ind present a c ed. This pro xtension to alysis to tak sis consulta engage with der the deve extension to conal Grid ES ober 2021 a	and entered october 2020 oosed timetal 27 November ons of each of February 202 sible solution April 2021. T dustry on the ost benefit a cess was ex the Assessm e place. The tion meant th Ofgem. Fur elopment of f o the Assess GO's cost ber nd closed or	r 2020 to con option. 21 to further o	sessment ne issue, nsider five consider t the gem to nclude in re at its revised ued in oup and next lure at its per 2021.		

P415: Facilitating a dispatched by Virt			arkets for f	lexibility		Update			
Date Raised:	30 Septem		Proposer	1	Enel X UK Ltd				
Target Implementation Date:	7 Novembe		Current S		Awaiting Decision				
Dregrassien	IWA	APC	AR	RPC	DMR	FMR	I		
Progression:	Oct 20	Feb 23	Apr 23	May 23	Jun 23	Jun 23	Nov 24		
Latest Update:	The BSC Panel considered the P415 Draft Modification Report on 8 June 2023. The Panel unanimously agreed that the P415 Alternative Modification is better than the Proposed Modification and recommend that the Alternative Modification be approved. The P415 Final Modification Report was submitted to the Authority on 15 June 2023 for decision.								
Next Event:	decision to	approve P4	•	d on or before	uthority for de e 6 October 2 4.		•		
Issue:	currently ob except if the the Balanci	otain any val ey work with ng Mechanis	ue from that t their Supplie sm, and the C	flexibility from er to do so. Ti Capacity Marl	le about their n the Wholesa his contrasts ket, all of which he involveme	ale Energy M with Balanci ch allow a cu	larket, ng Services istomer's		
Current Solution:	 flexibility to be offered by an aggregator without the involvement of the Supplier. This Modification seeks to allow Virtual Lead Parties to obtain value from flexibility within the Wholesale Energy Market. Under the Proposed Solution, compensation costs are mutualised, with compensation paid at a price that approximates the Supplier's expected sourcing costs. Under the Alternative Solution, VLPs are liable to pay compensation costs for volumes adjusted by that VLP, with compensation paid at a price that approximates the Supplier's expected sourcing costs. 								
History:	Raised by I Presented Assessmer Workgroup Modification Workgroup P376 functi Workgroup charging ar Workgroup paper can I Workgroup approach to Workgroup credit and r Workgroup related to th wholesale n Workgroup end solution alternative Workgroup benefit ana Elexon issu which close	on 8 Octobe at Phase. 1 - held on 2 - held on 3 - held 25 3 - held 25 3 - held 25 4 - held on 4 - held on 5 - CEPA poe $6 - held on6 - held on6 - held on7 - held on7 - held on7 - held on8 - held on9 - held on9 - held on10 - held on11 - held on$	td on 30 Sept r 2020, where 11 Decembe 9 February a March where considered ne 27 May 2021 , VLP's role in repared a CE the P415 wel 3 September ompensation 28 October 2 uirements. 10 Decembe A outcome ar palancing ma 1 February 2 ting the Prope n 22 February methodology for Evidence receiving 9 r n 30 May, wh	e the Panel a r and discussed the group co the group co twork charg where the V n the market 3A options pa opage. 2021 where the 2021 where the 2021 where the cold determine rket volumes 022, where to oser's preferr and assump for P415 to in responses fro ere the P415	greed to prog sed the princi d more compl onsidered hov ing. Vorkgroup dis and imbaland aper on behal the Workgroup ost Benefit Ar ne Workgroup e the Workgr	ples behind ex worked e w best to inc scussed curre ce settlemen if of the Worl up reviewed halysis piece to continued t oup noted up for separation p conducted nd capturing and verified Workgroup enefit analysi VLPs and N met to consid	the xamples. orporate ent network t. <group. the<br="">the o assess odates ng an end-to- any the cost- members. s (CBA) IGESO. der</group.>		

Workgroup 12 - held on 1 July, where CEPA presented provisional CBA findings. Workgroup 13 - held on 22 August, where CEPA presented CBA findings. The final Cost Benefit Analysis Report, conducted by CEPA, was published on 22 September 2022.

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

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.

Workgroup meeting 15 was held on 7 December, where the Workgroup reviewed the legal text and prepared for the Assessment Consultation.

The Assessment Procedure consultation was issued on 24 January 2023 with responses invited by 14 February.

Workgroup meeting 16 was held on 22 February to consider consultation responses. Workgroup meeting 17 was held on 28 March to conduct final voting and gather final views.

The P415 Workgroup met for a final time on 28 March to consider the outcomes of additional engagement with NGESO, which resulted in the addition of a new high level requirement for VLPs to provide additional Deviation Volume information to NGESO, and provide final views on the Modification. Ofgem updated the group that their preference was for both a Proposed and Alternative to be brought forward to allow them as full a picture as possible when making a decision. However, only a minority of voting members believed that the potential alternative was better than the Proposed Solution. Ofgem further added that this may increase the chance of delays (ultimately putting the ability to deliver in November 2024 at risk) by increasing the chance of a Send Back or Rejection should they find merit in the alternative approach. In order to remove this risk, the P415 Proposer "switched" the Proposed Solution with the alternative approach which allowed a majority of the group to raise a formal Alternative within allowed BSC process, and a majority voted that this Alternative was now better than the Proposed, to allow both these options to go forward, be presented to the BSC Panel and Ofgem and reduce the chance of delays. The Workgroup recommend that the Alternative Solution be approved.

The P415 Assessment Report was presented to the BSC Panel on 13 April. The Panel initially recommended P415 is approved.

The Report Phase Consultations for P415 and P444 were issued on 17 April 2023, running for one calendar month due to identified impacts on the EBGL Article 18 Terms and Conditions. The consultation closed on 17 May 2023. Six responses were received to the consultation, which were mixed between agreeing and disagreeing with the Panel's recommendation to approve P415.

P432: Half Hourly S Systems	Settlement	for CT Ad	vanced M	letering			No	Update		
Date Raised:	2 Decemb	oer 2021	Propo	ser:		Npo	wer Comm	ercial Gas L	imited	
Target Implementation Date:	+3 months Authority		_	nt Status:			iiting Decisi			
	IWA	APC	AR	RPC	SB	BC	DMR	FMR		
Progression:	Dec 21	Apr 22	May 22	Jun 22	Oct	22	Nov 22	Nov 22	+3 months	
Latest Update:		The second P432 Final Modification Report was sent to the Authority for decision on 16 November 2022, with a recommendation to approve P432.								
Next Event:	2023, in o Implemen	rder to mee	t the schec has defaul	or decision. Iuled June 2 ted to three	2023 R	Releas	se. As this v	was not pos	sible, the	
Issue:	Identifiers Developm HH by Oc be insuffic may arise	(MSIDs) ar ent Group (tober 2023. sient time fo will be incre	e settled or (CCDG) ha If this reco r Customer eased, esp	n a Half Hou s recommer mmendation s, Suppliers ecially agair eeded for sr	irly (H nded n n is no s and t nst the	H) ba novin ot imp heir <i>F</i> back	isis. The Co g CT Advar lemented th Agents to ac adrop of the	ode Change nced Meters ne risk that t ddress issue	and to settle there will es that	
Current Solution:	the Stand CT Advan settling NI process to	migration activities that will be needed for smart Meters. 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:	The Initial December The first V the backg ToR and t The secon agreed on Assessme that P432 The Pane quoracy is Report wa however a The Pane was issue Members. needed, w at its July The Asses cisagreeir raised with issues. The Work	Written Ass r 2021, whe Vorkgroup n round, issue he next step nd P432 Wo a solution f ent Consulta should be a l granted P4 sues holdin a schedule a further ext l granted P4 d later than We have p ve will prese meeting. ssment Proo s invited by n the propos	sessment w re it was puneeting for e and propo- os. orkgroup ma for the Assi- ation questi approved. 432 a one r og the first r d to be pre- ension requised to be pre- ension requised to be pre- ension requised anned for ent the Assi- cedure Cor 22 April 20 Workgroup sed implem	mmercial Ga vas presente rogressed to P432 was h osed solutio eeting took p essment Co ons. The W nonth exten meeting. Fol sented to the uest will be p nonth extensue to delays a fourth con essment Re multation for 22. There w that P432 s nentation ap	ed to the o the A held or n for F olace o nsulta orkgro sion a lowing e Pano made sion at with t tingen port to r P432 ere 10 hould proach	he BS Assess 24 J 2432. on 23 tion, 1 oup in t its N g the el at i at the t its A he re or Pan 2 was 0 resp be ap n, driv Consu	SC Panel at sment Proc lanuary 202 The Workg February 2 the draft leg itially recon March 2022 extension, 1 ts meeting April Pane pril 2022, a view activiti forkgroup. S el at its Jun issued on 3 ponses with proved. Co yen by MHH ultation and	tits meeting redure. 22. Elexon p group consid 2022. The V gal text and meeting du the Assessive on 12 May 2 el meeting. Is the consu- ties from Wo Should this in the Meeting, 30 March 20 the majority oncerns wer IS causing	vresented dered the Vorkgroup the najority e to nent 2022, ultation orkgroup not be otherwise 022 with y re also capacity	

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.

P441: Creation of C	Complex Site	e Classes				Update			
Date Raised:	7 July 2022	2	Proposer		Green Energ	IV			
Target Implementation Date:	TBC		Current S		Assessment				
Progression:	IWA	APC	AR	RPC	DMR	FMR	I		
Latest Update:	Assessmer	Jul 22Sep 23Nov 23Dec 23Jan 23Jan 23TBCAt 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.Dec 23Jan 23Jan 23TBC							
Next Event:	Elexon are 31 July 202 Procedure	arranging th 23 to review t questions to	e seventh W the legal text	, update on a	eeting for the v actions and co es for the cons	onfirm the Ass	sessment		
Issue:	forums rela specifically netting of In scenarios in During con Complex S the BSC all	DCUSA changes. 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							
Current Solution:	Classes 1 - which are of particular, a Boundary F Local Energy A Class 6 0 complex sit to the curre	5 are intend currently reco a Class 5 Co Points is perr gy Scheme). Complex Site te but does n ent process c	led to formali ognised as su mplex Site w nitted (for ex would be a not clearly fit i of assigning C	se the criter uch and are ould set out ample, in oro non-standar n any of the Central Volur	Site, each with ia for those "ty already in use the criteria in der to facilitate of arrangemen other five class ne Allocation ard" BM Unit.	vpes" of Com within the ind which netting the establish that has as sses. This wo	plex Site, dustry. In across ment of a spects of a suld be akin		
History:	P441 was r Assessmer The first W meeting, th Workgroup The second cancelled of Modification The second Workgroup Complex S (SVA) Mete Complex S The second Workgroup options for central regi	raised on 7 J nt Procedure orkgroup me e Workgroup Terms of Re d P441 Work due to the co n P448. d P441 Work determined ites, and that er Operator A ite. d P441 Work considered the registrati ister and ass	uly 2022 by 0 Phase at its eeting took pla o considered eference, and agroup meetin that a centra t a notificatio Agents (MOA agroup meetin the impact of ion of meterin ociated notifi five month ex	Green Energ meeting on ace on Wedu the P441 ba discussed the g was due t sed by the p ng took place I register sho n should be s) to Elexon ng was held P441 on Ne ng systems f cation proce	y. The Panel s the 14 July 20 nesday 31 Aug ackground and the potential s o be held on 6 rogression tim e on 6 Deceml ould be mainta sent by Suppl with informati on Tuesday 6 etwork Charge or Complex S	22. gust 2022. At i issue, explo olutions for P october but netable of urg ber 2022, wh ained for Clas ier Volume A on about a C December 2 s, possible se ites and the r	this red the 441. thad to be ent ere the as 5 llocation lass 5 022. The olution need for a		

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. 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 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.

P442: Reporting cha licensed supply	argeable vo	olumes for	exempt and		No Update					
Date Raised:	7 July 2022	2	Proposer:		UC Energy Ltd					
Target Implementation Date:	ТВС		Current St	Current Status:		Assessment Procedure				
Prograssion	IWA	APC	AR	RPC	DMR	FMR	I			
Progression:	Jul 22	Sep 23	Nov 23	Dec 23	Jan 24	Jan 24	TBC			
Latest Update:	explored th	e proposed :	group meetin solution in mo justment met	re detail, in	•		•			
Next Event:	following th	Elexon will arrange the third Workgroup meeting once the legal text has been drafted, following the decision made around what should be included in the P442 solution. The Workgroup will review the legal text and review the views against the Terms of								
Issue:	energy sup Licence exe licensed Su registration result, the p both licence based on it There is cu chargeable portion sho	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:	Assessmer Following c	nt Procedure comments ma	uly 2022 by L Phase at its r ade by the Pa considered h	neeting on a	the 14 July 20 liaised with B	922. EIS about th	eir review			

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. 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.

P443: To Cap NGES Lost Load (VoLL)	SO Intercon	nector Tra	des at the \	/alue of		Update				
Date Raised:	17 August	2022	Proposer:		Saltend Cogeneration Company Ltd					
Target Implementation Date:	2 November 2023 Current Status:				Awaiting Decision					
Progression:	IWA	APC	AR	RPC	DMR	FMR				
Flogression.	Aug 22 Feb 23 Apr 23 May 23 Jun 23 Jun 23 Nov 23									
Latest Update:	8 June 202 baseline ar	The P443 Draft Modification Report was presented to the BSC Panel at its meeting on 8 June 2023. The Panel voted unanimously that P443 is not better than the current baseline and should therefore be rejected. The P443 Final Modification Report was submitted to the Authority on 12 June 2023 for decision.								
Next Event:	decision to	approve P4	•	l on or befor	uthority for de e 31 July 2023		•			
Issue:	prices above adds to cust to buy powe	ve the Value stomers' cos er at any prio	of Lost Load ts and sends ce. In a cost c	(VoLL – as a signal to the of living crisis	em Operator (Net in BSC) defined in BSC he markets that the Propose ony price.	C Section T at customers	1.12). This are willing			
Current Solution:	than VoLL, Services A	the British public are prepared to buy energy at any price. 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	The Proposiconsidered majority to Modification The Urgend requested B The Author urgent basis The first W the propose The Panel B meeting on The second and refine to The third W raise an Alt minded to o	ser requester the request recommend n Proposal. cy letter was by 25 Augus ity decided of s and P443 orkgroup me ed solution, a approved a t 13 October d Workgroup the proposed /orkgroup me ternative solution th Workgroup r	d that the Mor at an Urgent to the Author sent to the A t 2022. In 25 August will now follow eeting was he and the Term three month e 2022. In meeting was d solution and eeting was he ution and furth ree solution of	dification be Panel meeti ity that P443 uthority on 1 2022 that P4 w a standard ld on 15 Sep s of Referent extension to held on 22 further consider options. held on 16 Ja	the Assessme November 20 sider the Term ember 2022 to the solution(s anuary 2023.	gent. The Pa ust 2022 and eated as an P 2 with a resp t be progres Procedure. to consider ent Procedur 22 to further as of Referer o discuss wh b). The Work	anel d voted by Urgent bonse sed on an the issue, e at its develop nce. hether to group are			

The fifth Workgroup meeting was held on 20 January 2023. The Workgroup provided their initial views on the two possible alternative solutions. The Assessment Procedure Consultation was issued for a 15 working days consultation period on 9 February 2023 with responses requested by 1 March 2023. The Panel approved a three month extension to the Assessment Procedure at its meeting on 9 February 2023. The sixth Workgroup meeting was held on 20 March 2023 to consider responses to the Assessment Procedure Consultation. The Workgroup decided not to raise an Alternative Modification and provided their final views on the proposed solution. As a result, two of the three additional months granted to conclude the Assessment Procedure will not be needed. The extra months were to allow for Alternatives to be progressed. The P443 Assessment Report was presented to the BSC Panel at its meeting on 13 April 2023. The BSC Panel initially recommends rejection of P443. The P443 Report Phase Consultation was issued on 17 April 2023 for one calendar month (due to EBGL impacts). Two responses were received to the consultation, with

one agreeing with the Panel that the change should be rejected and one disagreeing.

P444: Compensati for Virtual Lead Pa						Update			
Date Raised:	1 Septemb	er 2022	Proposer:		Flexitricity				
Target Implementation Date:	7 Novembe	er 2024	Current S	tatus:	Awaiting Dec	cision			
Progression:	IWA	APC	AR	RPC	DMR	FMR	I		
Flogression.	Sep 22	Jan 23	Apr 23	May 23	Jun 23	Jun 23	Nov 24		
Latest Update:	Panel unan P444 Propo (with the Pr	imously agro osed Modific oposed Solu	eed that the F ation and tha	P444 Alterna t the Alterna). The P444	fication Repor itive Modificati itive Solution s Final Modifica ecision.	ion is better t should be ap	han the proved		
Next Event:	decision to	approve P4	44 is received	l on or befor	uthority for de e 6 October 2 24.		-		
Issue:	GB market have been (BM). As a	have an Implementation date of 7 November 2024. 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 Machanism that they cannot recover							
Current Solution:	This Modific compensat the BM, to Following F compensat the solution	Balancing Mechanism that they cannot recover. 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:	The Initial V September assessmen October 20 Workgroup legal text as Workgroup	Vritten Asse 2022. The F It by a Worke 22, in conjur meeting 2 w nd prepared meeting 3 w	Panel submitt group. The fir nction with a I vas held on 7 for the Asses vas held on 2	oresented to ed P444 to t st P444 Wor P415 Workg December, ssment Cons 2 February t	the BSC Pan he Assessme rkgroup meetin roup meeting. where the Wo	nt Procedure ng was held orkgroup revi nsultation res	e for on 7 ewed the sponses.		

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.
The P444 Assessment Report was presented to the BSC Panel on 13 April. The Panel initially recommend P444 is approved.
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.

P451: Updating BSC Black Start provisions andUpdatecompensation arrangements to align with NGESO's newapproach to System Restoration									
Date Raised:	1 March 20	23	Proposer:		NGESO				
Target Implementation Date:	TBC		Current St	atus:	Assessment	Procedure			
Progression:	IWA	APC	AR	RPC	DMR	FMR	I		
J	Mar 23	Jul 23	Sep 23	Sep 23	Nov 23	Nov 23	TBC		
Latest Update:	Workgroup	discussed h	• •	Start comp	on 14 June 20 ensation proce by Elexon.				
Next Event:	Workgroup Reference, Following the We intend	The third P451 Workgroup meeting will be held on Wednesday 9 August 2023. The Workgroup will review the draft legal text and discuss the final aspects of the Terms of Reference, including whether the payment mechanism should be in the BSC or not. Following the Workgroup, P451 will be issued for Assessment Consultation. We intend to request an extension at the August BSC Panel meeting due to initial issues with forming a quorate Workgroup causing delays of 2 months.							
Issue:	GC0156 'Fa Standard'. Start called System Re the BSC's I approved b Energy Res These prov	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							
Current Solution:	non-BSC Parties. Currently, non-BSC parties cannot claim Black Start compensation. 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:	to a Workg The first P4	roup for asse 151 Workgro	essment and up meeting w	set the time as held on t	etermined that table at its me 5 May 2023. T lack Start com	eting on 9 M he Workgrou	arch 2023.		

<u>P454</u> : Removal of I TIBCO and the Hig			vide BMRS	Data via		Update			
Date Raised:	13 April 20		Proposer:		BSC Panel				
Target Implementation Date:	ТВС			Current Status:		Procedure			
Brograssian	IWA	APC	AR	RPC	DMR	FMR	I		
Progression:	Apr 23	Aug 23	Oct 23	Oct 23	Nov 23	Nov 23	TBC		
Latest Update:			-		to form a Wo p has been fo	•	, after a		
Next Event:	background	The first Workgroup will be held on 18 July 2023. The Workgroup will consider the background to P454 and the Terms of Reference. An extension to the timetable is now likely, due to the quoracy issues.							
Issue:	systems, ca presents si bandwidth Further, the high costs Issue 95 'A market par	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 Elexon to provide BMRA data through the							
Current Solution:	'Reporting'	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							
History:		e progressed		-	13 April 2023, edure for cons	•	-		

P455: On-Site Agg Party Access	regation as a	regation as a method to facilitate Third				New		
Date Raised:	8 June 202	8 June 2023			Emergent Energy			
Target Implementation Date:	TBC		Current S	Proposer: Current Status:		Procedure		
Progression:	IWA	APC	AR	RPC	DMR	FMR	I	
Flogression.	Jun 23	Oct 23	Jan 23	Jan 24	Feb 24	Feb 24	TBC	
Latest Update:	Proposer for as the Prop The Panel of assessmen	or this Modifi poser at its m determined t t by a Work	cation. The B neeting on 8 J that P455 sho group.	SC Panel ag lune 2023. F ould progres	a Third Party greed to desig 2455 was rais s to the Asses	nate Emerge ed on 8 June ssment Proce	ent Energy 2023. edure for an	
Next Event:	The Workg	roup will cor	sider the bac		eld in late July P455 and revi		-	
Issue:	opt for a thi metered vo The BSC pr networks vi The Propos private netw customers.	Reference for the Workgroup.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 Party Acces 100kW) cus difference r meters (rela	n proposes a ss on private stomers are netering, bu ating to custe od into Settle	a new 'on-site e networks to connected. T t requires the omers not opt	aggregatio which dome his methodo BSC to allo ting for third	n' methodolog estic and smal ology can be u w aggregated party supply) o Settlement n	gy for facilitati I business (i.e Ised instead of meter data f on private ne	e. sub of rom sub- etworks to	

P456: Enable Elexo Services for us by			Technolog	У		New		
Date Raised:	8 June 202	3	Proposer:		BSC Panel			
Target Implementation Date:	TBC		Current St	atus:	Assessment	Procedure		
Progression:	IWA	APC	AR	RPC	DMR	FMR	I	
r rogression.	Jun 23	Aug 23	Oct 23	Oct 23	Nov 23	Nov 23	TBC	
Latest Update:	The BSC P	anel raised l	P456 at their	meeting on	8 June 2023.			
Next Event:	is unlikely t quorate Wo	o happen, as orkgroup has	s a quorate W been formed	orkgroup hall, the first W	eld on week c as not yet bee orkgroup mee e.	n formed. Or	nce a	
Issue:	systems us contracts w ensure they The issue t into contrac Services, s (but not the	background to P456 and the Terms of Reference. The implementation of Elexon Kinnect will change the underlying technology and systems used to deliver BSC Agent services. Elexon are therefore reviewing the contracts with these BSC Agents in order to reflect these technology changes, and to ensure they continue to meet the needs of BSC Parties. The issue that this Modification seeks to address is to allow Elexon flexibility to enter into contracts directly with Technology Service Providers for ancillary Technology Services, such as cloud services, and, consequently, relieve the relevant BSC Agent (but not the Technology Service Provider) of responsibility for the ancillary Technology Services where Elexon has entered into contract(s) directly with Technology Service						
Current Solution:	providers. We propose updating Section E of the BSC to clearly state that BSC Agents may be required to deliver their services using Technology Services, such as cloud computing procured for them by BSCCo. This solution would also need to recognise that, for services that Elexon procures directly from a Technology Service provider (e.g. cloud services) rather than via a BSC Agent, the BSC Agent would no longer be contractually responsible for these specific services to the extent they were beyond its reasonable control. This solution is specifically targeted at ancillary Technology Services that are similar to the sorts of Technology Services that Elexon already procures and which are not core BSC Agent services that are required to deliver Settlement.						l computing, nat, for (e.g. cloud e beyond its blogy ready	

II. Change Proposal Updates – up until decision

<u>CP1574:</u> Improving relevant industry p		00215 data flow	Update					
Date Raised:	4 April 2023	Propos	er:	Elexon				
Target Implementation Date:	2 November 202	Current	Status:	Awaiting Impleme	ntation			
Progression:	PP	CPC	AR	FR	I			
Flogression.	Apr 23	May 23	Jun 23	Jun 23	Nov 23			
Latest Update:				June 2023. The S n 2 November 2023	•			
Next Event:		en approved for in ber 2023 Release	•	on 2 November 202	23 as part of the			
Issue:	an unreliable sou Commissioning p D0215 flow and D0215 flow could some data items is spent reviewin	urce of Commission process is not typ its associated pro d be streamlined. within the D0215 ng it. Despite this,	oning informati ically included cesses' was ra The Proposer flow can still b	or changing supplier on, as data used in in it. Issue 99 'Revi aised to determine h of Issue 99 sugges be used, unnecessa pelieves there is a s	the ew the use of the now the use of the ts that although try time and effort			
Current Solution:	involves updating Distribution'2 and documents to str solution includes (SVA) Metering S (COMC) process	retaining the D0215 flow. This CP seeks to implement the recommendation from the Issue 99 Workgroup, which involves updating Balancing and Settlement Code Procedure (BSCP) 515 'Licensed Distribution'2 and the Retail Energy Code (REC) Meter Operator Schedule 143 documents to streamline the use of the D0215 flow in its associated processes. The solution includes removing the D0215 flow from the 'New Supplier Volume Allocation (SVA) Metering System connection process' and 'Change of Measurement Class (COMC) process', and retaining the D0215 for general investigative processes (e.g.						
History:	The CP Progress (SVG) at its mee CP1574 was issued	 Current Transformer (CT)/ Voltage Transformer (VT) mismatch issues). CP1574 was raised by Elexon on 4 April 2023. The CP Progression Paper was presented to the Supplier Volume Allocation Group (SVG) at its meeting on 4 April 2023. CP1574 was issued for Industry Consultation on 11 April 2023 with responses invited by 10 May 2023. There were 12 responses received, with the majority supporting the change 						

CP1575: Permitting			nsformers	Upd	ate		
within metering Co Date Raised:	des of Practice 1 4 April 2023	and 2 Propos	or:	Elexon			
Target Implementation Date:	2 November 2023	-	Status:	Awaiting Implemen	Itation		
Progression:	PP	CPC	AR	FR	I		
	Apr 23	May 23	Jun 23	Jun 23	Nov 23		
Latest Update:	CP1575 was pres implementation o			June 2023 where it v	was approved for		
Next Event:	CP1575 has been standard Novemb		•	on 2 November 2023	3 as part of the		
Issue:	transformer platfo arrangements, ca Code of Practice 100 MVA for Sett turbine string arra string/circuit. Issu under OFTO arra need for multiple platforms by allow number of VTs re status quo and er To recognise this allow busbar VTs rated capacity ex amended to futur increases. Elexor their recommenda	orms, which are s an significantly af (CoP) 2 'The me lement purposes ay (string) level, t are 87 'Busbar vol ingements' propo VTs at the string wing the placeme equired, this arran hables a higher a configuration un to be used at the ceeding 100 MV eproof the solution is raising this C ation.	subject to Offsh fect the cost an etering of circuit s, where Meterin he current required tage transform osed an alternation level on Offsh ent of VTs at the ngement offers availability of m oder the BSC, a e string level. Of A for Settlement on as the size of P on behalf of	s) used at Offshore whore Transmission Or not complexity of development complexity of development is with a rated capacing Equipment is inst uirement is to have a er metering for Offshitive arrangement that ore wind farm power e busbar. As well as increased redundant etered data for wind a change to CoP2 is CoP1 'The metering on the purposes' will also of wind turbine gener the Issue 87 Workgr	wher (OFTO) elopment. Under sity not exceeding called at the wind a separate VT per hore wind farms at reduces the transformer reducing the hocy than the farms. necessary to of circuits with a need to be rators (WTGs) roup to progress		
Current Solution:	onshore sites (ge	To update CoPs 1 and 2 to allow busbar VTs to be used. The solution will apply to onshore sites (generally), as well as Offshore wind farms, in line with the recommendations of the Issue 87 Workgroup.					
History:	CP1575 was raised by Elexon on 4 April 2023. The CP Progression Paper was presented to the Imbalance Settlement Group (ISG) at its meeting on 4 April 2023. CP1575 was issued for Industry Consultation on 11 April 2023 with responses invited by 10 May 2023. One response was received, which was in support of the change.						

CP1576: Creation of			ре	Update		
Category for the V						
Date Raised:	4 April 2023	Propos	er:	National Grid		
Target Implementation Date:	2 November 202	23 Current	Status:	Awaiting Implemen	tation	
Progression:	PP	CPC	AR	FR	I	
r rogression.	Apr 23	May 23	Jun 23	Jun 23	Nov 23	
Latest Update:	(ISG) on 6 June decision. The BSC Panel	2023 to seek feed	back and to th for implemen	to the Imbalance Se he BSC Panel on 8 Ju tation on 2 Novembe	une 2023 for	
Next Event:		en approved for in ber 2023 BSC Re	•	on 2 November 2023	as part of the	
Issue:	commissioned in after and while t Electricity Syste November 2023 are needed to the relating to the ne alongside existin electricity market The BSC require Interconnector for fuel type catego on the BMRS, B new 'Fuel Type	n October 2023. T he date still needs m Operator (NGE BSC Release to o he Balancing Mech ew Viking Link Inte ng data relating to st. es a separate 'Fue or reporting purpo ries. Therefore, fo SC Central System Category'	he commercia confirmation, SO) aim to cor ensure reportir nanism Report erconnector is Settlement arr el Type Catego ses. It also req r the Viking Lir m changes are	r construction and du l operation date is ex both Elexon and Nat nplete the system ch og of the data to the r ing Service (BMRS) to provided to market par rangements in the Gr ory' to be defined for e utires the Panel to ap nk Interconnector dat e needed, as is Panel	pected shortly ional Grid anges in narket. Changes to ensure data articipants eat Britain (GB) each prove all new a to be published approval for this	
Current Solution:	The solution requires the new Fuel Type Category to be recognised within BSC and the Code Subsidiary Documents (CSDs) and the data reported through the BMRS service as defined in BSC Section V 'Reporting', Balancing Mechanism Reporting Agent (BMRA) Service Description and the BMRA User Requirements Specifications. The service is currently fulfilled by the existing BMRS application and the replacement BMRS application labelled the 'Insights Solution'.					
History:	CP1576 was raised by National Grid on 4 April 2023. The CP Progression Paper was presented to the Imbalance Settlement Group (ISG) at its meeting on 4 April 2023. CP1576 was issued for Industry Consultation on 11 April 2023 with responses invited by 10 May 2023. One response was received, which was in support of the change.					

<u>CP1577:</u> To clarify COS NHH loss pro		D0151 is requi	Upo	late				
Date Raised:	2 May 2023	Propose	er:	EDF Energy				
Target Implementation Date:	2 November 2023	Current	Status:	Consultation				
Progression:	PP	CPC	AR	FR	I			
Flogression.	May 23	Jun 23	Jul 23	Jul 23	Nov 23			
Latest Update:		y 6 June 2023. T		Tuesday 9 May 202 es were received an	•			
Next Event:	CP1577 will be pr	CP1577 will be presented to SVG for decision on 4 July 2023.						
Issue:	Metering Systems D0151 'Termination Half Hourly Data (However, the position Data Communication should be a require	There is a requirement in BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' for the old (outgoing) Supplier to send a D0151 'Termination of Appointment or Contract by Supplier' to terminate their Non Half Hourly Data Collector (NHHDC) appointment on Change of Supplier (CoS). However, the positioning of clause 3.2.6.4(a) implies that this is only required for non- Data Communications Company (DCC) serviced Metering Systems, whereas this should be a requirement for all Metering Systems. Without the D0151, the Non Half Hourly (NHH) Data Collector may not be notified of the termination of contract or						
Current Solution:	This CP proposes a minor change to BSCP504 that that will clarify that clause 3.2.6.4(a) applies to all Metering Systems.							
History:	CP1577 was raised by EDF Energy on 2 May 2023. The CP Progression Paper was presented to the Supplier Volume Allocation Group (SVG) at its meeting on 2 May 2023.							

<u>CP1578:</u> Amendme LDSOs to calculat required					Upda	te	
Date Raised:	2 May 2023	Propose	er:	Elexo	n		
Target Implementation Date:	2 November 2023	Current	Status:	Consu	ultation		
Progression:	PP	CPC	AR		FR	I	
Flogression.	May 23	Jun 23	Jul 23		Jul 23	Nov 23	
Latest Update:	CP1578 was issued for Industry Consultation on Tuesday 9 May 2023 with responses invited by Tuesday 6 June 2023. Seven responses were received, the majority were in support of the change but there were several comments about the redlining that have been considered.						
Next Event:	CP1578 will be pr second consultation			•			
Issue:	Line Loss Factors, which are used to account for losses on the Distribution Networks, are calculated and submitted to the BSC Company (BSCCo) by Licensed Distribution System Operators (LDSOs). Embedded LDSOs usually Mirror the Line Loss Factors (LLFs) of the Host LDSO, however, in certain circumstances they are required to calculate Site Specific LLFs. Several issues have been identified with the current process for calculating Site Specific LLFs that could prevent Embedded LDSOs from successfully completing their submissions.						
Current Solution:	This CP proposes updates to remove issues that may stop Embedded LDSOs from submitting Site Specific LLFs. These updates will define the process for submitting Site Specific LLFs, including establishing deadlines and requirements for the Embedded and Host LDSOs.						
History:		CP1578 was raised by Elexon on 2 May 2023. The CP1578 Progression Paper was presented to SVG and ISG on 2 May 2023.					

CP1579: Allowing H		go Pro	otocol Ap	proval		Upda	ite	
before completing (Date Raised:	2 May 2023		Propose	-r-	Fle	Elexon		
Target Implementation Date:	2 November 202	23	Current			onsultation		
Dregrassian	PP		СРС	AR		FR		
Progression:	May 23	J	un 23	Jul 23		Jul 23	Nov 23	
Latest Update:		d by Ti	uesday 6 Ju			esday 09 May 202 esponses were re		
Next Event:	CP1579 will be p	CP1579 will be presented to SVG and ISG for decision on 4 July 2023.						
Issue:	Metering Virtual Metering Half Ho Equipment users Approval. This re able to operate i in a risk that HH leading to them Approval for.	Lead F burly Da to be esults in n the m DCs ac operati	Parties (AM ata Collecto Qualified b n a time ga narket and ccept appoi ng using a	VLPs), Half Ho ors (AMHHDC efore applying p between wh completing Pro ntments before Protocol that t	ourly s) ar for en th otoco e cou hey	pliance Testing' r Data Collectors (nd other Asset Me Compliance Testi ne HHDCs and Al ol Approval. This mpleting Protocol have not yet rece	(HHDCs), Asset etering ng and Protocol MHHDCs are could also result Approval ived Protocol	
Current Solution:	This Change Proposal proposes to allow Half Hourly Data Collectors (HHDCs) and Asset Metering Half Hourly Data Collectors (AMHHDCs) to undergo Protocol Approval before or during the Qualification process.							
History:	CP1579 was raised by Elexon on 02 May 2023. CP1579 Progression Paper was presented to the Supplier Volume Allocation Group (SVG) and Imbalance Settlement Group (ISG) at its meetings on 02 May 2023. The committees agreed to progress the CP to the Consultation phase.							

<u>CP1581:</u> Recomme Issue 105	endation to updat	e BSCP18 follo	owing	Nev	N			
Date Raised:	6 June 2023	Propose	er:	Elexon				
Target Implementation Date:	2 November 202	3 Current	Status:	Consultation				
Progression:	PP	CPC	AR	FR				
Progression.	Jun 23	Jun 23	Aug 23	Aug 23	Nov 23			
Latest Update:	CP1581 Progres at its meeting on Consultation pha CP1581 was issu responses invited	CP1581 was raised by Elexon on 6 June 2023. CP1581 Progression Paper was presented to the Imbalance Settlement Group (ISG) at its meeting on 6 June 2023. The committee agreed to progress the CP to the Consultation phase. CP1581 was issued for Industry Consultation on Monday 12 June 2023 with responses invited by 5pm on Friday 7 July 2023.						
Next Event:	Following the clo on 1 August 202		Itation, CP158	1 will be presented for	or decision to ISG			
Issue:	P448' Workgroup (BSCP) 18 'Corre a) To clarify Notificati Gas Sup b) The draf (NGSES own the	 The Issue 105 'Further considerations following implementation of BSC Modification P448' Workgroup has suggested a number of improvements to BSC Procedure (BSCP) 18 'Corrections to Bid-Offer Acceptance Related Data': a) To clarify is when the Lead Party can and cannot update Physical Notifications (PNs) during Load Shedding as a result of a Stage 2+ National Gas Supply Emergency (NGSE). b) The draft Network Gas Supply Emergency Settlement Validation Committee (NGSESVC) Terms of Reference (ToR) are including in BSCP18. The Panel own the ToR and should be able to make amendments without the need for a 						
Current Solution:	a) To add a cannot u of a Stag b) To remo	cannot update Physical Notifications (PNs) during Load Shedding as a result of a Stage 2+ NGSE.						

<u>CP1582:</u> Remove M	<u>CP1582:</u> Remove MA from BSCP520 3.6.2.3				New
Date Raised:	27 June 2023	Pro	poser:	Elexon	
Target Implementation Date:	2 November 2023	Current Status:		t Status: Submission	
Progression:	AR		FR		
Flogression.	Jul 23	Jul 23			Nov 23
Latest Update:	CP1582 was raised by Elexon on 27 June 2023.				
Next Event:		t will	be issued for a Hou	sekeeping	ier Volume Allocation Group 9 Objection Window on 4
Issue:	BSCP520 'Unmetered Supplies Registered in SMRS' step 3.6.2.3, as introduced erroneously by P434 'Half Hourly Settlement for UMS Metering Systems', states "UMSO confirms the de-energisation date to Supplier, NHHDC and MA". However Non Half Hourly (NHH) Unmetered Supply (UMS) sites don't have a Meter Administrator (MA).				
Current Solution:	The MA should be removed from this process step within BSCP520.				

III. Issue Updates

Issue 101: Ongoin the MHHS DIP	g Governance, Funding	Update						
Date Raised:	13 July 2022	Proposer:	Elexon					
Latest Update:		The Issue 101 Interim Consultation on the proposed framework and Business Requirements for the DIP was issued on 14 June 2023, with responses invited by 12						
Next Event:	Ū.	The legal text and subsidiary documents are being drafted by Elexon and the first batch, On-boarding and Off-boarding, will be ready for Workgroup review in July.						
Issue:	to support delivery of the Operating Model (TOM) frequency of data more Platform (DIP) is the de Issue 101 intends to de arrangements that can	e Market-wide Half Hourl) and will be able to respond quickly than the current a livery mechanism for the fine the requirements and	d principles for the on-going DIP quent BSC Modification, including the					

<u>Issue 103</u> : Meter Re Way	gistrants and Settlem	ent Risk – A New	No Update					
Date Raised:	24 August 2022	Proposer:	Western Power Distribution					
Latest Update:	reviewed the action log data and the BSC Audit	The fourth Issue 103 Workgroup meeting was held on 10 March. The Workgroup reviewed the action log and discussed SVAA Tolerance Checks, estimation of CVA data and the BSC Audit. The Workgroup agreed a recommendation to raise changes to mitigate risk of high volume metering error.						
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 August, once Elexon has progressed the actions from the Workgroup meetings.							
Issue:	The Proposer believes a Settlement error preven problems prior to the Se Hourly Settlement (MHI thereafter. The Settlement system Data used within that sy Preventative and detect of Settlement from Meter reduce the variation of o is required as Settlement	that there would be value tion. It is critical to the Pr ettlement timetable being HS) as the opportunities t is crucial to the smooth of ystem is fundamental to S tive assurance of the Settlering and Registration on data at later stages of the	e in reviewing existing controls for roposer that we address these shortened by Market-wide Half to readdress will be reduced operation of the GB energy market. Settlement accuracy. tlement data is required at all stages wards to maintain accuracy and e Settlement process. This assurance ificant financial impact on Parties					

Issue 105: Further of Modification P4	r considerations follow 48	ving implementatio	on Update						
Date Raised:	22 December 2022	Proposer:	Elexon						
Latest Update:	recommendations, incl	uding deciding wheth ess the unintended in	May 2023. The Workgroup confirmed their her a Code Change should be hpacts to cash-out prices following the						
Next Event:		Elexon are working on the Issue Report with the intention that it is tabled at the BSC Panel Meeting in August.							
Issue:	Supply Emergency from December 2022 and in Alternative Modification As part of Ofgem's dec consequential impacts Issue 105 has been rai recommendation as to The topics that the Issu • Unintended im • Time limiting th • Whether there 'Good Industry • How the P448 • If further guida	m excessive Imbalan nplemented on 7 Dec n. cision letter, and furth of P448 were highlig ised to explore these whether further indu- ue will consider are: pacts to cash-out pri- ne P448 solution; is any increased risk Practice'; solution interacts wit ince documentation is lso be asked to ident	of generator behaviour not in line with h Gas Operating Margins contracts; s required for P448. ify any additional topics that they think						

Issue 106: Review o	f BSC Credit Cover A	Arrangements	Update
Date Raised:	13 January 2023	Proposer:	Elexon
Latest Update:		g actions from the previou	d on 15 June. The Workgroup s meetings and the proposals made
Next Event:		redit Cover Calculation, a	rly August to discuss the forward- nd how to reduce the risk of
Issue:	arrangements with induced concerns about credit be also not being an oneron Existing Credit Cover and Trading Charges in more of over £71m through the These arrangements do collateral may be required Settlement position. There is a direct link be requirements. As mark BSC also fluctuates. For future consumer needs Hourly Settlement (MH calculations remain fit the The Workgroup will con What should Con Data and Time Fairness and E	being sufficient to protect to bus burden on market part arrangements have not been bet market failures in the part he Default Funding Share o not consider the addition red to cover if a Supplier h etween market prices for e et prices fluctuate, the am urther, as the market goes s, such as changes being in HS), now is a good time to for purpose. Insider five work streams: credit Cover be used for; frames; Equality; ging Credit; and	ssue Group. This is in response to key the market from Supplier Failure while

Issue 107: Review Payment	of BSC Section N 'C	learing, Invoicing &	Update				
Date Raised:	5 May 2023	Proposer:	Elexon				
Latest Update:	 The first Workgroup meeting was held on 6 June 2023. The Workgroup considered the background to Issue 107 and the changes required to BSC Section N. A consultation was issued on 23 June 2023 with responses invited by 5pm on 14 July 2023, to seek industry views on two options for Confirmation Notices proposed by the Workgroup. 						
Next Event:	The Issue 107 Issue August 2023.	Report is due to be table	ed at the BSC Panel meeting on 10				
Issue:	ago, it is believed that align with modern wat in some inefficiencies and additional beneff A key component of possibility of replacin for a review of BSC s streamline processes Parties. This Issue would rev processes are current	at some sections within it ays of working (e.g. invoid s, unnecessary rules and its from being sought and the approved Elexon stra ng/updating the existing F Section N which could ide s and improve efficiencie new BSC Section N to ide ntly pain points experience	Payment' being written over 20 years may now be redundant and no longer cing and banking practices). This results d constraints that prevent opportunities d realised. ategy is digitisation. This includes the FAA systems. It would seem the right time entify potential opportunities that could is at the same time for the benefit of BSC entify which areas and associated ced by the Industry. It would identify and the user experience for these				

IV. Progression of Modifications – up until implementation

Key	Initial Written	<u>Assessment</u>	Report Phase:	<u>WA:</u>	<u>AI:</u>	<u>l:</u>	CBA:		
	Assessment:	Procedure:	RPC: Report Phase	With Authority	Awaiting	Implementation	Cost/		
		AR: Assessment	Consultation	Awaiting	Implementation		Benefit		
		Report	DMR: Draft Modification	Decision			Analysis		
		APC: Assessment	Report						
	Procedure Consultation		FMR: Final Modification Report						
Note: 7	Note: The progression plans below reflect the approved timetables.								

Mod	Title	Proposer	Date Raised	Urgent	Мау	Jun	Jul	Aug	Sep	Oct	Nov
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No							I.
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	RPC	DMR/ FMR	WA				
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					APC		AR

Mod	Title	Proposer	Date Raised	Urgent	Мау	Jun	Jul	Aug	Sep	Oct	Nov
P442	Reporting chargeable volumes for exempt and licensed supply	UC Energy Ltd	7 Jul 2022	No					APC		AR
P443	To Cap NGESO Interconnector Trades at the Value of Lost Load (VoLL)	Saltend Cogeneration Company Ltd	17 Aug 2022	No	RPC	DMR/ FMR	WA				
P444	Compensation for Virtual Lead Party actions in the Balancing Mechanism	BSC Panel	8 Sep 2022	No	RPC	DMR/ FMR	WA				
P451	Updating BSC Black Start provisions and compensation	NGESO	1 Mar 2023	No			APC		AR	RPC	DMR/ FMR
P453	Metering Dispensation process improvements and clarification to the CoPs	UK Power Network	6 Apr 2023	No	DMR/ FMR	AI					I
P454	Removal of BSC obligations to provide BMRS Data via TIBCO and the High Grade Service	BSC Panel	13 Apr 2023	No				APC		AR	RPC
P455	On-Site Aggregation as a method to facilitate Third Party Access	Emergent Energy	8 Jun 2023	No		IWA	АР			APC	
P456	Enable Elexon to procure ancillary Technology Services for use by BSC Agents	BSC Panel	8 Jun 2023	No		IWA	AP	APC		AR/ RPC	DMR/ FMR

V. Progression of Change Proposals – up until implementation

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

Mod	Title	Proposer	Date Raised	Мау	Jun	Jul	Aug	Sep	Oct	Nov
CP1558	New Registration data items and processes to support the MHHS transition	Elexon	16 Feb 2022		I.					
CP1568	Inclusion of new LDSO- mastered SMRS data items	Elexon	6 Sep 2022		I					
CP1571	Clarify the number of Meter measuring elements and measurement transformers	Elexon	1 Nov 2022		I					
CP1572	Specifying the requirements to provide SLDs for HV and EHV sites	Elexon	1 Nov 2022		I					
CP1574	Improving the use of the D0215 data flow in the relevant industry processes	Elexon	4 Apr 2023		AR/ FR	AI				I
CP1575	Permitting the use of busbar voltage transformers within metering Codes of Practice 1 and 2	Elexon	4 April 2023		AR/ FR	AI				I
CP1576	Creation of a new Interconnector Fuel Type Category for the Viking Link Interconnector	National Grid	4 April 2023		AR/ FR	AI				I

Mod	Title	Proposer	Date Raised	Мау	Jun	Jul	Aug	Sep	Oct	Nov
CP1577	To clarify the sending of a D0151 is required for all COS NHH loss processes	EDF Energy	2 May 2023	PP/ CPC		AR/ FR	AI			I
CP1578	Enabling Embedded LDSOs to submit Site Specific LLFs	Elexon	2 May 2023	PP/ CPC		AR/ FR	AI			I
CP1579	Allowing HHDCs to undergo Protocol Approval before completing Qualification	Elexon	2 May 2023	PP/ CPC		AR/ FR	AI			I
CP1580	Making the Code Subsidiary Documents (CSDs) gender neutral and Housekeeping	Elexon	10 May 2023	AR/ FR	I					
CP1581	Recommendation to update BSCP18 following Issue 105	Elexon	6 Jun 2023		PP/ CPC		AR/ FR	AI		I
CP1582	Remove MA from BSCP520 3.6.2.3	Elexon	27 Jun 2023			AR/ FR	AI			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.

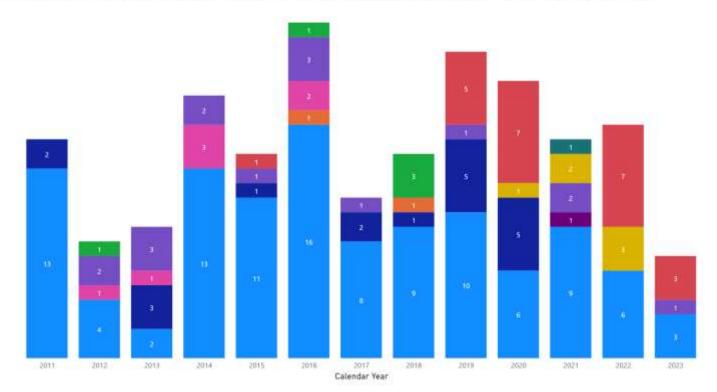
November 2023 Release								
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change					
P453	Amending Metering Dispensation Process, Updating AMP/DMP in CoPs and Clarifying the Relevant CoP	Document Only	7. Implementation Phase					
P395	Final Consumption Levies (FCLs)	System	7. Implementation Phase					
CP1576	Creation of a new Interconnector Fuel Type Category for the Viking Link Interconnector	System	7. Implementation Phase					
CP1575	Permitting the use of busbar voltage transformers within metering Code of Practice 1 and 2	Document Only	7. Implementation Phase					
CP1574	Improving the use of the D0215 data flow in the relevant Industry processes	Document Only	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	TBC
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	System	6. Authority Decision / SG Appeal Window	Nov 24
P432	Half Hourly Settlement for CT Advanced Meters	Document Only	6. Authority Decision / SG Appeal Window	3 months after Authority decision
P441	Creation of Complex Site Classes	Document Only	4. Assessment / Consultation Phase	TBC
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)	System	6. Authority Decision / SG Appeal Window	Nov 23
P444	Compensation for Virtual Lead Party actions in the Balancing Mechanism	System	 Authority Decision / SG Appeal Window 	Nov 24
P451	Updating BSC Black Start provisions and compensation arrangements to align with NGESO's new approach to System Restoration	System	4. Assessment / Consultation Phase	ТВС
P454	Removal of BSC obligations to provide BMRS Data via TIBCO and the High Grade Service	Document Only	4. Assessment / Consultation Phase	ТВС
P455	On-Site Aggregation as a method to facilitate Third Party Access	Document Only	4. Assessment / Consultation Phase	ТВС
P456	Enable Elexon to procure ancillary Technology Services for use by BSC Agents	Document Only	4. Assessment / Consultation Phase	ТВС
CP1577	To clarify the sending of a D0151 is required for all change of supplier NHH loss processes	Document Only	4. Assessment / Consultation Phase	Nov 23
CP1578	Enabling Embedded LDSOs to calculate and submit Site Specific LLFs as required	Document Only	4. Assessment / Consultation Phase	Nov 23
CP1579	Allowing HHDCs to undergo Protocol Approval before completing Qualification	Document Only	4. Assessment / Consultation Phase	Nov 23
CP1581	Recommendation to update BSCP18 following Issue 105	Document Only	4. Assessment / Consultation Phase	Nov 23
CP1582	Remove MA from BSCP520 3.6.2.3	Document Only	4. Assessment / Consultation Phase	Nov 23

VII. Modification Trend Chart

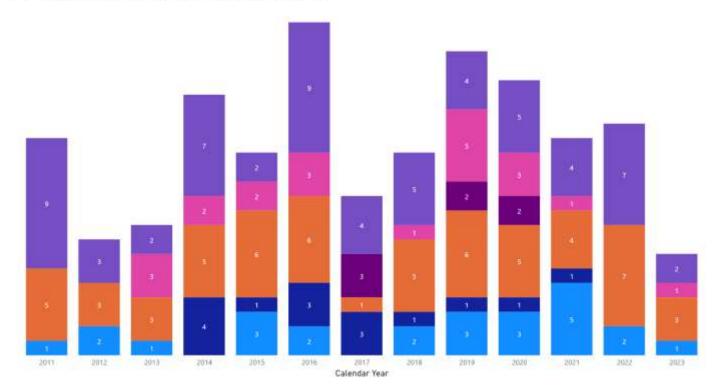
What's driving the raising of Modifications?

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



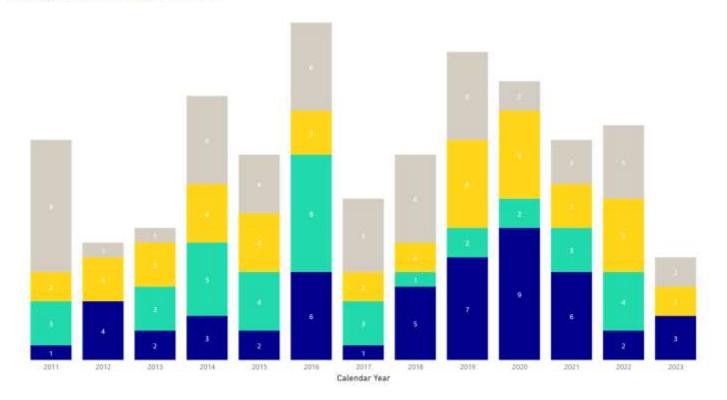
What type of Modifications are being raised?

Category L1 Assurance Credit Governance Registration Reporting Settlement



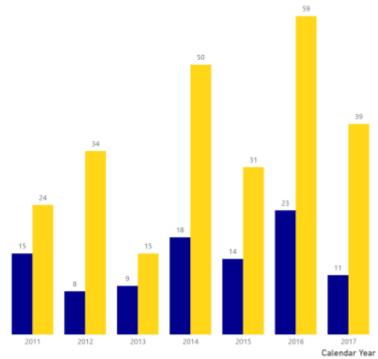
Who is raising Modifications?

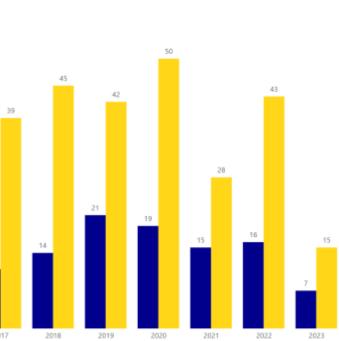
Ralser
BSC Panel
Incumbents
National Grid
Other



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
 Gount of Mods decided

600 500 344 400 15 (TIR) 121 300 400 200 (http: 100 0 2012 2013 jot 2014 2018 1021 2015 2011 Year Decision Made

* excludes Self-Governments, Park Track Self-Governments, straight to Report Phase and Urgent Modifications

VIII: Recommendations

We invite the Panel to:

a) NOTE the contents of the July 2023 Change Report.

For more information, please contact:

Lawrence Jones, Head of Rules Management

bsc.change@elexon.co.uk

020 7380 4118

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.		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.			