ELEXON

BSC Change Report

Date of meeting	14 September 2023	Paper number	342/02
Owner/author	Lawrence Jones	Purpose of paper	For Decision
Classification	Public	Document version	V1.0
Summary		e progress of each hat has changed	

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: 17
- Change Proposals: 11
- Issues: 4

New changes since last month

• P459, P460, CP1583, CP1584, CP1585

Workgroups

- Four Workgroups held since last month's report: P451 9 August, Issue 101 16 August, Issue 106 15 August, Issue 108 1 August
- Six Workgroups coming up: P441 20 September; P442 15 September, P454 5 September, P455 early September, P459 late September, Issue 103 August

Consultations

- Consultations closed since last month's report: P457 RPC: 20 July 21 August, P458 RPC: 17 July 28 July, P460 RPC: 14 August – 29 August, July CPC Batch: 10 July – 4 August (CP1578)
- Live Consultations: August CPC Batch: 7 August 4 September (CP1582, CP1583, CP1584, CP1585)
- Consultations coming up: P451 APC 4 September 25 September, September CPC Batch: 11 September 6 October

Extension requests

• P454, P456

Awaiting decision (decision cut-off)

• Authority: P415 (6 Oct 2023), P432 (n/a), P443 (n/a), P444 (6 Oct 2023), P458 (n/a)

Decisions since last month

- Approved: CP1581
- Rejected: None

Awaiting Implementation

- Nov 23: P395, P453, CP1574, CP1575, CP1576, CP1577, CP1579, CP1581
- Feb 24: CP1578

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I. Modification Updates – up until decision

<u>P412</u> : Ensuring non-BM B delivery imbalances at a p						No Update	
energy							
Date Raised:	3 Septem	ber 2020	Propose	r:	NGESO		
Target Implementation Date:	TBC		Current	Status:	Assessme	nt Procedure	: on-hold
Progression:	IWA	APC	AR	RPC	DMR	FMR	I
	Sep 20	On-hold	Nov 23	Dec 23	Jan 24	Jan 24	TBC
Latest Update:	NGESO are finalising their impact assessment and recommendation report for the P412 solution options, indicating that Elexon can expect this is August 2023. Elexon engaged with NGESO in July and NGESO indicated that the results of their engagement with DESNZ suggested that the relevant Clean Energy Package requirements would be retained and become assimilated law, meaning that it is likely there is still a need for P412.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						
Next Event:	 Energy Package requirements can be best met. NGESO are continuing to engage with DESNZ on the possibility of a derogation against Article 6(5) of the Clean Energy Package, which would remove the need to progress P412. Dependent on the outcome of the discussions and NGESO's recommendation report, further Workgroup meetings are likely needed to consider next steps in developing the P412 solution in light of NGESO's minded report. 						
Issue:	P412 will introduce imbalance charges for non-Balancing Mechanism (BM) Balancing Services providers, where their delivery does not match instructed volumes. This will mean the GB market more effectively meets the requirements of the Clean Energy Package.						
Current Solution:	P412 will introduce adjustments to Supplier's imbalance positions by non-BM Balancing Service Providers' instructed volumes, rather than delivered volumes as currently occurs under the P354 'Use of ABSVD for non-BM Balancing						
History:	 Services at the 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 Assessme Procedure. The first Workgroup meeting was held on 29 October 2020 to discuss the issist the proposed solution, next steps and the proposed timetable. The second Workgroup meeting was held on 27 November 2020 to consider 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 the determine how P412 should proceed. This process was expected to conclude November 2021. The Panel approved a six month extension to the Assessment Procedure at i meeting on 8 April 2021 for this analysis to take place. The Proposer's revise 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 ne steps. 					essmer he issue sider fiv consider t the gem to holude in re at its evised ued in up	

The Panel approved a nine month extension to the Assessment Procedure at its meeting on 14 October 2021. National Grid ESO's cost benefit analysis consultation was issued on 18 October 2021 and closed on 26 November 2021. The Panel approved a six month extension to the Assessment Procedure at its meeting on 14 July 2022. 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.

P415: Facilitating a dispatched by Virtu			arkets for fl	exibility		No Update	;	
Date Raised:	30 Septem	ber 2020	Proposer		Enel X UK	Enel X UK Ltd		
Target Implementation Date:	7 Novembe	er 2024	Current S	tatus:	Awaiting De	ecision		
Progression:	IWA	APC	AR	RPC	DMR	FMR	I	
Flogression.	Oct 20	Feb 23	Apr 23	May 23	Jun 23	Jun 23	Nov 24	
Latest Update:	Panel unar Proposed N	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						
Next Event:	decision to	approve P41	ation Report i 15 is received 1 date of 7 No	on or before	e 6 October 2			
Issue:	currently of except if th the Balanci	 have an Implementation date of 7 November 2024. Consumers of electricity who are able to be flexible about their consumption cannot currently obtain any value from that flexibility from the Wholesale Energy Market, except if they work with their Supplier to do so. This contrasts with Balancing Services, the Balancing Mechanism, and the Capacity Market, all of which allow a customer's flexibility to be offered by an aggregator without the involvement of the Supplier. 						
Current Solution:	This Modification seeks to allow Virtual Lead Parties to obtain value from flexibility within the Wholesale Energy Market. 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							
History:	a price that approximates the Supplier's expected sourcing costs. For full details visit <u>P415 webpage</u> . Raised by Enel X UK Ltd on 30 September 2020. Presented on 8 October 2020, where the Panel agreed to progress P415 to the Assessment Phase. Workgroup 1 – held on 11 December and discussed the principles behind the Modification. Workgroup 2 – held on 9 February and discussed more complex worked examples. Workgroup 3 – held 25 March where the group considered how best to incorporate P376 functionality and considered network charging. Workgroup 4 – held on 27 May 2021 where the Workgroup discussed current network charging arrangements, VLP's role in the market and imbalance settlement. Workgroup 5 – CEPA prepared a CBA options paper on behalf of the Workgroup. The paper can be found on the P415 webpage. Workgroup 6 – held on 3 September 2021 where the Workgroup reviewed the approach to Supplier Compensation within the Cost Benefit Analysis piece. Workgroup 7 – held on 28 October 2021 where the Workgroup continued to assess credit and reporting requirements.							

Workgroup 8 – held on 10 December 2021, where the Workgroup noted updates related to the P415 CBA outcome and determined the method for separating wholesale market and balancing market volumes.

Workgroup 9 – held on 1 February 2022, where the Workgroup conducted an end-toend solution review, noting the Proposer's preferred solution and capturing any alternative views

Workgroup 10 - held on 22 February, where CEPA presented and verified the costbenefit analysis (CBA) methodology and assumptions with the Workgroup members. Elexon issued the Call for Evidence for P415 to inform cost-benefit analysis (CBA) which closed on 9 May, receiving 9 responses from Suppliers, VLPs and NGESO. Workgroup 11 – held on 30 May, where the P415 Workgroup met to consider methodologies for calculating the Supplier Compensation Reference Price. 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 Advanced Metering						ι	Jpdate		
Date Raised:	2 Decemb	per 2021	Propo	Proposer:			Npower Commercial Gas Limited			
Target Implementation Date:		+3 months from Authority decision Current Status: Awaiting Decision								
	IWA	APC	AR	RPC	SE	BC	DMR	FMR	I	
Progression:	Dec 21	Apr 22	May 22	Jun 22	Oct	22	Nov 22	Nov 22	+3 months	
Latest Update:	January 2	024. The se	econd P432	ed its expect 2 Final Modi with a reco	ficatio	n Rep	port was se	nt to the Au		
Next Event:	2023, in o Implemen	order to meen ntation Date	t the sched has default	or decision. luled June 2 ted to three	2023 F	Releas	se. As this v	was not pos	sible, the	
Issue:	Identifiers Developm HH by Oc be insuffic may arise	the Final Modification Report. Market-wide Half-Hourly Settlement (MHHS) requires that all Metering System Identifiers (MSIDs) are settled on a Half Hourly (HH) basis. The Code Change and Development Group (CCDG) has recommended moving CT Advanced Meters to settle HH by October 2023. If this recommendation is not implemented the risk that there will be insufficient time for Customers, Suppliers and their Agents to address issues that may arise will be increased, especially against the backdrop of the larger MHHS migration activities that will be needed for smart Meters.								
Current Solution:	This Modification seeks to align the BSC definition of an Advanced Meter with that in the Standard License Conditions (SLC) and to set explicit HH Settlement obligations for CT Advanced Meters ahead of the migration to MHHS. Existing CT Advanced Meters settling NHH are expected to migrate using the Change of Measurement Class (CoMC) process to settle HH by October 2023 and all new connections for CT Advanced Meters									
History:	The Initial December The first V the backg ToR and t The secon agreed or Assessme that P432 The Pane quoracy is Report wa however a The Pane was issue Members needed, v at its July The Asse responses disagreein raised wit issues.	 process to settle HH by October 2023 and all new connections for CT 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 proposed implementation approach, driven by MHHS causing 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	omplex Site	e Classes				Update	
Date Raised:	7 July 2022	<u>)</u>	Proposer:		Green Energ	IV	
Target Implementation Date:	TBC		Current S		Assessment		
Progression:	IWA	APC	AR	RPC	DMR	FMR	I
i regi cooroni	Jul 22	Sep 23	Nov 23	Dec 23	Jan 23	Jan 23	TBC
Latest Update:	the next We	orkgroup. Th neir associat	his was also s ed solution.	shared with	s for review an REC in order t	to enable the	m to help
Next Event:	working wit Consultatio	h REC and I in being issu	DCUSA to ali ed which is ta	gn impleme argeted for l	neld on 20th S ntation dates p ate Septembe	prior to the A r/early Octob	ssessment er.
Issue:	forums rela specifically netting of Ir scenarios in During com Complex S the BSC all called "Loc	ted to the so , when the B mports from n which this in versations un ites' it was ic though not c al Energy So	cope of the Co SC and its Co Exports throut netting is per- nder Issue 88 dentified that learly defined chemes" beco	omplex Site ode Subsidi gh a Compl missible. 8 'Clarificatic certain arran to facilitate ome more po	raised to Elexi arrangements ary Document ex Site arrang on of BSC Arrang ngements have consistency a opular, it is ess ined going for	s under the B s (CSDs) per rement and the ingements re- re been allow across the ma- sential that the	SC. More rmit the ne elating to ed under arket. As so
Current Solution:	Classes 1 - which are of particular, a Boundary F Local Energ A Class 6 O complex sit to the curre	 when netting should be permitted are clearly defined going forward. 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 					
History:	Identifiers (MSIDs) to a "standard" or "non-standard" BM Unit. 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. The second P441 Workgroup meeting was due to be held on 6 October but had to be cancelled due to the constraints caused by the progression timetable of urgent Modification P448. The second P441 Workgroup meeting took place on 6 December 2022, where the Workgroup determined that a central register should be maintained for Class 5 Complex Sites, and that a notification should be sent by Supplier Volume Allocation (SVA) Meter Operator Agents (MOAs) to Elexon with information about a Class 5 Complex Site. The second P441 Workgroup meeting was held on Tuesday 6 December 2022. The Workgroup considered the impact of P441 on Network Charges, possible solution options for the registration of metering systems for Complex Sites and the need for a central register and associated notification process. The Panel agreed to a five month extension to the Assessment Procedure at its meeting on 14 July 2022. 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. At the June 2023 Panel meeting the Panel approved a four month extension to the Assessment Procedure in order to align the timetable of P441 with the consequential DCUSA and REC changes. The seventh Workgroup meeting for P441 was held on 27 July to review the legal text and CSD redlining, update on actions and confirm the Assessment Procedure guestions to coincide with the timelines for the consequential REC and DCUSA

changes. The Workgroup reviewed the redlining in the meeting, but indicated that they want a longer period of review, also noting some updates Elexon would make after the meeting, and therefore wished to delay providing their initial views until a later meeting.

P442: Reporting cl licensed supply	hargeable vo	olumes for	exempt and	Update			
Date Raised:	7 July 2022	<u>)</u>	Proposer:		UC Energy I	_td	
Target Implementation Date:	TBC		Current St	atus:	Assessment	Procedure	
Brograssian	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 proposed ir providers to redlining fo	e proposed nbalance ad b better unde r internal rev	solution in mo justment met erstand the tin riew.	bre detail, ind hodology. E nescales an	on 24 May 20 cluding worke lexon have sii d costs involv	d examples f nce met with ed, and have	for the service drafted the
Next Event:	Workgroup Reference	The next P442 Workgroup meeting is due to be held on 15 September. The Workgroup will review the draft legal text and review the views against the Terms of Reference prior to the Assessment Consultation, which we are aiming to issue late September.					
Issue:	September. 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 portion should be exempt, and another portion should be licensable.						
Current Solution:					e, the "Exemp calculate the		

	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. 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)	O Intercon	nector Tra	des at the V	No Update					
Date Raised:	17 August 2	2022	Proposer:		Saltend Cogeneration Company Ltd				
Target Implementation Date:	2 Novembe		Current St	atus:	Awaiting De				
Progression:	IWA	APC	AR	RPC	DMR	FMR	I		
	Aug 22	Feb 23	Apr 23	May 23	Jun 23	Jun 23	Nov 23		
Latest Update:	implementa	ation in the N	lovember rele	ase as the	and is now eff cut off for this a Authority dec	was 31 July,	meaning		
Next Event:			•		uthority for de 2 September 2)fgem		
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	process the BSAD file for the purposes of Settlement and reporting. 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 Workgroup meeting was held on 15 September 2022, to consider the issue, the proposed solution, and the Terms of Reference. The Panel approved a three month extension to the Assessment Procedure at its meeting on 13 October 2022. The second Workgroup meeting was held on 22 November 2022 to further develop and refine the proposed solution and further consider the Terms of Reference.								

The third Workgroup meeting was held on 7 December 2022 to discuss whether to raise an Alternative solution and further consider the solution(s). The Workgroup are minded to consult on three solution options.
The fourth Workgroup meeting was held on 16 January 2023. The Workgroup provided their initial views on the Proposed solution.
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.
The P443 Draft Modification Report was presented to 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.

	P444: Compensation for Suppliers and Virtual Lead Parties No Update for Virtual Lead Party actions in the Balancing Mechanism						
Date Raised:	1 Septemb	er 2022	Proposer:		Flexitricity		
Target Implementation Date:	7 Novembe	er 2024	Current St	Current Status:		cision	
Prograssion	IWA	APC	AR	RPC	DMR	FMR	I
Progression:	Sep 22	Jan 23	Apr 23	May 23	Jun 23	Jun 23	Nov 24
Latest Update: Next Event:	Panel unar P444 Prope (with the Pr submitted t The P444 F decision to	The BSC Panel considered the P444 Draft Modification Report on 8 June 2023. The Panel unanimously agreed that the P444 Alternative Modification is better than the P444 Proposed Modification and that the Alternative Solution should be approved (with the Proposed Solution rejected). The P444 Final Modification Report was submitted to the Authority on 15 June 2023 for decision. The P444 Final Modification Report is with the Authority for decision. If an Authority decision to approve P444 is received on or before 6 October 2023, then P444 will have an Implementation date of 7 November 2024.					
Issue:	GB market have been (BM). As a	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					
Current Solution:	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.					

	 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.
	Workgroup meeting 2 was held on 7 December, where the Workgroup reviewed the legal text and prepared for the Assessment Consultation.
	Workgroup meeting 3 was held on 22 February to consider consultation responses. Workgroup meeting 4 was held on 28 March to conduct final voting and gather final views.
History	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 design from Oferer recording the supeling.
History:	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.

compensation arra	P451: Updating BSC Black Start provisions and compensation arrangements to align with NGESO's new approach to System Restoration						Update			
Date Raised:	1 March 20		Proposer:		NGESO					
Target Implementation Date:	TBC		Current St	atus:	Assessment	Procedure				
Progression:	IWA	APC	AR	RPC	DMR	FMR				
	Mar 23	Sep 23	Oct 23	Oct 23	Nov 23	Dec 23	TBC			
Latest Update:	Workgroup of Referen The BSC F meeting or required to	The third P451 Workgroup meeting was held on Wednesday 9 August 2023. The Workgroup reviewed the draft legal text and discussed the final aspects of the Terms of Reference, including whether the payment mechanism should be in the BSC or not. The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 10 August 2023 due to the delays caused by the additional engagement required to form a quorate Workgroup.								
Next Event:					h. The prospec	ctive dates a	re 4			
Issue:	GC0156 'F Standard'. Start called System Re the BSC's approved b Energy Re These prov	September 2023 – 25 September 2023. The National Grid Electricity System Operator (NGESO) is currently progressing GC0156 'Facilitating the implementation of the Electricity System Restoration Standard'. GC0156 facilitates the implementation of NGESO's new approach to Black Start called System Restoration. It proposes to update all references to Black Start to System Restoration in the Grid Code. Unless a change is made to update the BSC, the BSC's Black Start processes will not align with the Grid Code if GC0156 is approved by Ofgem. Furthermore, NGESO's new approach will allow Distributed Energy Resources (DERs) to be to be used as System Restoration Service Providers. These providers will be connected to a Distribution System and operated by BSC or non-BSC Parties. Currently, non-BSC parties cannot claim Black Start compensation.								
Current Solution:	To update BSC Section	all BSC refer	rences to "Bla gencies' to all	ck Start" to ow non-BS0	"System Rest C parties who to claim BSC	oration" and have a contr	to amend			

	compensation. The proposed solution is for Elexon to recoup claims payments from BSC Parties as part of their Black Start Reallocation Proportion.
History:	P451 was raised on 1 March 2023. The Panel determined that P451 should progress to a Workgroup for assessment and set the timetable at its meeting on 9 March 2023. The first P451 Workgroup meeting was held on 5 May 2023. The Workgroup considered who should be eligible to claim the Black Start compensation. The second P451 Workgroup meeting was held on 14 June 2023, where the Workgroup discussed how the Black Start compensation process could work for non- BSC Parties, and how claims could be paid out by Elexon. At the August 2023 Panel meeting, a 3 month extension was granted to the P451 Assessment Phase.

P454: Removal of			vide BMRS	Data via		Update				
TIBCO and the Hig Date Raised:			Broncest		BSC Panel	RSC Papel				
Target Implementation Date:	13 April 202 5 WDs afte Decision		Proposer: Current St	Assessment	Procedure					
Progression:	IWA	APC	AR	RPC	DMR	FMR	I			
riogression.	Apr 23	Aug 23	Oct 23	Oct 23	Nov 23	Nov 23	TBC			
Latest Update:	the second P454 for As Assessmer achievable	meeting on ssessment C nt Report to t so therefore	5 September Consultation s the October F	. If the Work hortly after, anel. Howe esting a two	ng with the P4 (group are sat with a view to ver, there is a month extens for P454.	isfied, we ain bringing the risk this may	n to issue v not be			
Next Event:	once the dr forming a q and it is like	aft legal text uorate Work	t has been pro group, progre atension to th	epared for V ession on P4	st likely towar Vorkgroup rev 454 was delay will need to be	iew. Due to c ved by severa	hallenges al months			
Extension Request:	Workgroup in July. Goo coming mo	P454 required significant additional engagement in order to form a quorate Workgroup, which delayed progression, with the first meeting only possible to be held in July. Good progress is now being made, with a plan to issue for consultation in the coming month. We are requesting a 2 month extension to the Assessment Procedure, returning with the Assessment Report at the November 2023 Panel meeting.								
Issue:	systems, ca presents sig bandwidth Further, the high costs of <u>Issue 95 'A</u> <u>market part</u>	an no longer gnificant bar restrictions. A ageing arch on market pa <u>ssessing the</u> <u>ticipants'</u> ma removal of t	be sustained riers for new As a result, th nitecture caus articipants. continued us de a group re	efficiently a entrants due here have be ses operatio se of TIBCO ecommendat	vare, based or and economica e to lead time, een no new TI nal issues, lim <u>eservice as a</u> tion to raise a to provide BM	ally. The serv operational of BCO users s hits scaling, a source of dat BSC Modific	rice costs, and ince 2014. nd imposes ta for ation to			
Current Solution:	This Modifie 'Reporting'	cation would for the Balaı MRS) data vi	ncing Mechar	nism Reporti	uirement within ing Agent (BN Service, othe	IRA) to provid	de BMR			
History:	it should be Workgroup Between A Workgroup formed. The first W background appropriate	e progressed pril and June , and, after a orkgroup wa d to P454 an e place to ref	to the Asses 2023 Elexor delay due to s held on 18 d the Terms erence servic	sment Proce n conducted quoracy iss July 2023. T of Reference re standards	13 April 2023 edure for cons extra engage sues a quorate he Workgroup e, raising a qu for the post-T st appropriate	sideration by ment to form Workgroup p considered estion over th FIBCO solution	a was finally the ne most on. Elexon			

P455: On-Site Aggr Party Access	regation as	a method t	o facilitate	Third	No Update			
Date Raised:	8 June 202	3	Proposer:		Emergent E	Emergent Energy		
Target Implementation Date:	TBC		Current St	atus:	Assessment Procedure			
Progression:	IWA	APC	AR	-		FMR	I	
	Jun 23	Oct 23	Jan 23	Jan 24	Feb 24	Feb 24	TBC	
Latest Update:		• ·	s held on 12 s n, solution an	•	2023. It was a	n introductor	y meeting	
Next Event:		will conside			eld in Septem and review th			
Issue:	opt for a thi metered vo The BSC p networks vi The Propos private networks.	rd party sup lumes in Set rovides ways a difference ser believes vorks that in This is due	ply, corrective ttlement. s to avoid the metering opti that these exi clude domest to the operation	action is re double cou on and sha sting option ic and smal onal require	network (hend equired to avo nting of meter red SVA mete s are unsatisf I business (i.e ments placed ret such requir	id the double ed volumes o ring. actory when . sub 100kW on, and the	counting of on private applied to	
Current Solution:	 incentive for, Third Party Suppliers (TPSs) to meet such requirements. The solution proposes a new 'on-site aggregation' methodology for facilitating Third Party Access on private networks to which domestic and small business (i.e. sub 100kW) customers are connected. This methodology can be used instead of difference metering, but requires the BSC to allow aggregated meter data from submeters (relating to customers not opting for third party supply) on private networks to be submitted into Settlement (in lieu of data from Settlement meters installed at the Boundary Point). 							
History	Emergent E Proposer fo as the Prop The Panel	Energy reque or this Modifi oser at its m	cation. The B neeting on 8 J hat P455 sho	SC Panel ag une 2023. F	a Third Party greed to desig 2455 was rais s to the Asses	nate Emerge ed on 8 June	ent Energy 2023.	

P456: Enable Elexon to for us by BSC Agents	procure ar	ncillary Te	chnology S	ervices	Update			
Date Raised:	8 June 202	3	Proposer	:	BSC Panel			
Target Implementation Date:	TBC		Current S	tatus:	Assessment	Procedure		
Progression:	IWA	APC	AR	RPC	DMR	FMR	I	
riogression.	Jun 23	Aug 23	Oct 23	Oct 23	Nov 23	Nov 23	TBC	
Latest Update:	Workgroup communica Elexon upd thoughts or Workgroup comfortable preferable t the quoracy	Members, ation with in lated the BS n the possib could not b e with this p to continue y limit to jus	Panel in July instead of the dustry. SC Panel on p bility of progres be formed. The proposal under to keep seeki at 3 members. ited comments	required 5, o rogress at th ssing P456 to Panel confi powers in S ng additional Industry was	despite extens the August mee to the Report F irmed that the Section F 2.2.1 I membership is notified on 2	sive engagem eting and sou Phase if a quo y were initiall 11 and felt this ad infinitum, 1 August 202	ent and ght prate y s would be or reducing 3 about	
Next Event:	At the September 2023 Panel meeting, we will ask the Panel to submit P456 to the Report Phase. We will then issue the Report Phase Consultation the week commencing 18 September. If the Panel decide to keep P456 in the Assessment Phase, we will require and extension to the P456 Assessment Procedure.							
Issue:	systems us contracts w ensure they The issue t into contract Services, s (but not the	ed to delive vith these B y continue t hat this Mo cts directly uch as clou e Technolog	Elexon Kinne er BSC Agent SC Agents in o meet the ne dification seek with Technolo id services, ar gy Service Pro in has entered	services. Ele order to refle eds of BSC (s to address gy Service P nd, conseque vider) of res	exon are there ect these tech Parties. s is to allow El roviders for a ently, relieve th ponsibility for	efore reviewin nology chang exon flexibilit ncillary Techr ne relevant B the ancillary	g the es, and to y to enter hology SC Agent Fechnology	
Current Solution:	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							
History	 Settlement. The BSC Panel raised P456 at their meeting on 8 June 2023. The first Workgroup for P456 was intended to be held on week commencing 17 July, but did not happen as a quorate Workgroup was not yet been formed. Elexon had been conducting additional engagement, however at time of writing only 2 members had signed up. 							

	Electricity Arbitration Association with Update of International Arbitration								
Date Raised:	13 July 2023	Propos	er:	BSC Panel					
Target Implementation Date:	5 WDs after Author Decision		Status:	Report Phase					
Progression:	IWA	RPC	DMR	FMR					
riogression.	July 23	Aug 23	Sep 23	Sep 23	5 WDs +				
Latest Update:	there was one resp	P457 was issued for an EBGL consultation and a Report Phase Consultation to which there was one response, which was supportive of the change. The Panel initially believed P457 should be approved.							
Next Event:	The Draft Modification Report will be presented to the BSC Panel on 14 September to seek their final views, along with the responses from the Report Phase Consultation and EBGL consultation.								
Issue:	Participants to under Arbitration Associat since its inception in	BSC Section H 'General' sets out dispute resolution procedures that allow Market Participants to undertake arbitration pursuant to the arbitration rules of the <u>Electricity</u> <u>Arbitration Association</u> . However, the EAA has not been used by a Market Participant since its inception in 1993. It therefore does not provide good value for money for BSC Parties as monthly payments are required irrespective of whether there are any							
Current Solution:	P457 proposes to remove the Electricity Arbitration Association (EAA) from the BSC and replace with the London Court of International Arbitration (LCIA) to deliver better value for money and service.								
History	The Initial Written A meeting on Thursda straight to Report P consult on potential	ay 13 July 2023 hase for a one	3. The Panel a month consul	greed that P457 sho tation from 20 July t	ould be sent				

	P458: Introducing Data Controller and Processor Update Obligations in the BSC for MHHS Testing								
Date Raised:	13 July 2023	ooting	Propose	er:	BS	C Panel			
Target Implementation Date:	5 WDs after Auth Decision	nority	Current	Status:	Re	Report Phase			
Progression:	IWA		RPC	DMR		FMR	I		
r rogression.	Jul 23	A	ug 23	Aug 23		Aug 23	5 WDs +		
Latest Update:		es fron	n the Repo	•		BSC Panel on 10 ion. The Panel re	0 0		
Next Event:	P458 is currently	/ awaiti	ng decisior	n from the Aut	nority	y.			
Issue:	specifically in the The current BSC provisions were	e conte Gene not des	xt of the Ma ral Data Presigned to al	arket-wide Hal otection Regul llow the sharin	f Ho atior g of	information shari urly Settlement (N n (GDPR) and dat personal information	MHHS) testing. ta protection		
Current Solution:	 now become necessary for the planned MHHS testing. This Modification suggests amending <u>BSC Section C 'BSCCo and its Subsidiaries'</u> to add data processor and controller obligations to the BSC to provide a framework for handling, protecting, and sharing personal data. Thus ensuring that the BSC aligns with current data handling practices. This includes maintaining and securing data records, reporting data breaches, and guaranteeing GDPR compliance, along with safeguarding data subjects' rights. 								
History	 safeguarding data subjects' rights. The Initial Written Assessment for P458 was presented to the BSC Panel at its meeting on Thursday 13 July 2023. The Panel agreed to raise the Modification and that P458 should be sent straight to Report Phase for a 10 Working Day Consultation. The Report Phase consultation closed on 28 July and received 6 responses from a generator, two distributors, a supplier, an asset manager, and a member of the MHHS programme. The majority of respondents were in support of the change 								

P459: Allowing diff Import and Export		er Agents	to be appoin	ted to		New		
Date Raised:	3 August 20	23	Proposer:		Good Energy			
Target Implementation Date:	5 WDs after Decision	Authority	Current Status:		Assessment Phase			
Progression:	IWA	APC	AR	RPC	DMR	FMR	I	
r rogression.	Aug 23	Mar 24	Apr 24	Apr 2	4 May 24	May 24	5 WDs +	
Latest Update:	Good Energy raised P459 on 3 August 2023. The Panel submitted P449 to the Assessment Phase for an eight month Assessment Procedure.							
Next Event:	The first Wo 2023.	The first Workgroup meeting is being planned for the week commencing 18 September 2023.						
Issue:	Code' to app Import and E agent appoir	point the sar Export MSIE Intments are	ne SVA Meter). The Propose causing them	Operator <i>i</i> r is finding a large an	'Party Agents & Agent and SVA I that the existing d unnecessary a	Data Collector garrangement	for both s around	
Current Solution:	To remove p Section J so This is likely consequenti required. Th Modification	agent appointments are causing them a large and unnecessary administrative burden in making use of the metered export process. To remove paragraphs 4.1.5 (Meter Operator Agent) and 4.1.6 (Data Collector) from BSC Section J so that different Supplier Agents can be appointed to the Import and Export MSID. This is likely to be progressed as a part of a Cross Code Change Package, as consequential Retail Energy Code (REC) and Smart Energy Code (SEC) changes will be required. These changes will be developed during the Assessment Phase for this Modification, with a joint consultation issued once all potential dependencies are understood so that industry can consider the package of changes related to this proposal as a whole.						

P460: Amend the responsibility to propose and consult on aNewMHHS Migration PlanNew								
Date Raised:	10 August 2023	Propose	r:	BSC	BSC Panel			
Target Implementation Date:	5 WDs after Auth Decision		Current Status:		ort Phase			
Progracsion	IWA	RPC	DMR		FMR	I		
Progression:	Aug 23	Aug 23	Sep 23		Sep 23	5 WDs +		
Latest Update:	The BSC Panel raised P460 at its meeting on 10 August 2023. The BSC Panel agreed to the proposed progression of P460 and were happy for this Modification to progress straight to the Report Phase, with an initial recommendation to approve. P460 has been submitted for a Report Phase Consultation on 14 August with responses due on 29 August.							
Next Event:	September 2023	ation Report for P to highlight the res endations before t	sponses from	the c	onsultation and fo	r them to agree		
Issue:	BSC Section C 'BSCCo and its Subsidiaries' states that BSCCo has a responsibility to propose, consult on and obtain approval for a MHHS Migration Plan. However, responsibility for Migration activities sits with the MHHS System Integration (SI) function. Therefore it would be a more efficient use of resource for the MHHSP to create, consult on and obtain approval for the migration plan.							
Current Solution:	Move the MHHS responsibility to the C12.2.14 to reflect	• •						

II. Change Proposal Updates – up until decision

<u>CP1578:</u> Amendme LDSOs to calculate required				Upd	ate			
Date Raised:	2 May 2023	Propo	ser:	Elexon				
Target Implementation Date:	29 February 202	4 Curre	nt Status:	Consultation				
Progression:	PP	CPC	AR	FR	I			
r rogression.	May 23	Jun 23	Sept 23	Jul 23	Feb 24			
Latest Update:				on 10 July 2023, with ne consultation, all in	•			
Next Event:	Following the sec presented for dee			ent Report for CP15 September.	78 will be			
Issue:	are calculated an System Operator (LLFs) of the Hos calculate Site Sp process for calcu	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:	submitting Site S	pecific LLFs. T s, including est	nese updates wi	t may stop Embedde Il define the process nes and requirements	for submitting			
History:	presented to SV0 CP1578 was issu invited by Tuesda support of the ch were considered consultation. CP1578 was pre first consultation,	G and ISG on 2 ued for Industry ay 6 June 2023 ange but there and ultimately sented to SVG material chang sued for a seco	May 2023. Consultation on Seven respons were several co led to the issuing and ISG on 4 Ju jes were made to nd industry cons	The CP1578 Progress Tuesday 9 May 202 ses were received, th mments about the re g of new redlining for ily. Due to comments o the redlined text, w sultation on Monday	3 with responses e majority were in dlining that have a second s received in the hich led to			

<u>CP1581:</u> Recommer Issue 105	ndation to updat	e BSCP18 foll	owing	Upd	ate		
Date Raised:	6 June 2023	Propos	er:	Elexon			
Target Implementation Date:	2 November 2023	3 Current	: Status:	Awaiting Implemen	tation		
Progression:	PP	CPC	AR	FR	I		
Progression:	Jun 23	Jun 23	Aug 23	Aug 23	Nov 23		
Latest Update:	CP1581 for imple release. CP1581	mentation on 2 was subjected to from 1 August 20	November 2023 5 a 15 Working	August 2023. The IS 3 as part of the Stan Day Housekeeping ncluding 21 August 2	dard November Objection		
Next Event:	CP1581 will be in release.	mplemented on 2	2 November 20	23 as part of the Sta	indard November		
Issue:	P448' Workgroup (BSCP) 18 'Corre a) To clarify Notificatio Gas Sup b) The draft (NGSES)	has suggested actions to Bid-Off is when the Lea ons (PNs) during oly Emergency (Network Gas Si /C) Terms of Re FoR and should	a number of im fer Acceptance d Party can an Load Sheddin NGSE). upply Emergen ference (ToR)	implementation of BS provements to BSC Related Data': d cannot update Phy g as a result of a Sta cy Settlement Valida are including in BSC e amendments witho	Procedure /sical age 2+ National tion Committee P18. The Panel		
Current Solution:	 The proposed solution for CP1581 is: a) To add a paragraph to Appendix 1 to clarify when the Lead Party can and cannot update Physical Notifications (PNs) during Load Shedding as a result of a Stage 2+ NGSE. b) To remove Appendix 2 'Draft Terms of Reference for the NGSESVC' from BSCP18 and in text references to Appendix 2. 						
History	CP1581 was raise CP1581 Progress at its meeting on Consultation phase CP1581 was issue	ed by Elexon on sion Paper was p 6 June 2023. Th se. ed for Industry 0	6 June 2023. presented to the e committee ag Consultation on	e Imbalance Settlem greed to progress the Monday 12 June 20 No responses were	e CP to the 23 with		

CP1582: Remove M	A from BSCP520 3.6.2	2.3		Update				
Date Raised:	27 June 2023	Pro	oposer:	Elexon				
Target Implementation Date:	2 November 2023	Cu	rrent Status:	Consultation				
Progression:	AR		FR		I			
r rogression.	Jul 23		Jul 23		Nov 23			
Latest Update:	responses invited by 25 window by a Meter Adm BSCP520 is unclear ov they appreciated the wo text as proposed by the	CP1582 was issued for a Housekeeping Objection window on 4 July 2023 with responses invited by 25 July 2023. An objection was received to the Housekeeping window by a Meter Administrator (MA). The MA informed Elexon that they believed BSCP520 is unclear over the intention for including the MA in section 3.6.2.3. Whilst they appreciated the wording was unclear as currently described simply removing the text as proposed by the HK update would remove all elements of this requirement for the MA to be sent this information. CP1582 was taken to August's CPC Batch: 7						
Next Event:	Post consultation, CP15	582 v	vill be taken to SVG	on 3 Octo	ber 2023 for decision.			
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 remo	oved	from this process st	ep within l	BSCP520.			
History	CP1582 was raised by Elexon on 27 June 2023. CP1582 Progression Paper was presented to the Supplier Volume Allocation Group (SVG) on 4 July 2023. It was issued for a Housekeeping Objection Window on 4 July 2023 with responses invited by 25 July 2023.							

CP1583: Rationalis				Ne	ew					
Transparency Reg Date Raised:	1 August 2023	a on Elexon S Propos		Elexon						
Target Implementation Date:	2 November 202		t Status:	Consultation						
Progression:	PP	CPC	AR	FR	I					
	Aug 23	Sep 23	Oct 23	Oct 23	Nov 23					
Latest Update:	the CP was raise industry consulta	CP1583 was presented to the ISG at its meeting on 1 August 2023. They noted that the CP was raised and the proposed progression timetable. CP1583 was issued for industry consultation on Monday 7 August 2023 with responses invited by 5pm on Monday 4 September 2023.								
Next Event:	The CP1583 Ass 2023.	essment Report	will be present	ed to ISG for decision	on on 3 October					
Issue:	intended to provi currently availabl of minimal value had no data repo Rationalising the insights to the Gr to market particip dataset on Elexo To confirm value clarify their purpo supported the ch currently use or o National Grid who	de additional insi e. This CP identi to Elexon's cust rted, or has beer reports, to only l eat Britain (GB) pants. This will al n's new systems of the reports El pse in the market ange and confirm can see any inter o confirmed they onses.	ights to the ma fies several of omers as the of superseded b ETR data that a Market, will imp so avoid costs exon has reach . Respondents ned there is no ntion to use in t were happy fo	anism Reporting Se rket with approximat these reports which lata is duplicated in by subsequent regula adds value and prove prove discoverability of building the capa hed out to a variety of s from Generators and thing in the data hig he future. We also or the change to be r	tely 40 reports are believed to be other reports, has atory changes. ides useful and transparency bility for these of stakeholders to nd Traders hlighted that they engaged with aised and invite					
Current Solution:	by removing refe Subsidiary Docur publish those rep For the avoidanc existing BMRS sy Insights Solution	lundant or supe his will remove ports will conti on transitions to solution propo	cation of ETR data o erseded reports from the requirements for nue to remain availa a more modern dat ses that any duplica ions to publish all ET	n BSC Code or Elexon to able on the ta platform (Elexor ted datasets are						

CP1584: Allow nor add a CP withdraw concept					Ne	N				
Date Raised:	1 August 2023	Propo	ser:	Elexon						
Target Implementation Date:	29 February 202	4 Curren	Current Status:		tion					
Progression:	PP	CPC	AR		FR	I				
Flogression.	Aug 23	Sep 23	Oct 23	C	Oct 23	Feb 24				
Latest Update:	CP1584 was presented to the ISG and SVG at their meetings on 1 August 2023. They noted that the CP was raised and the proposed progression timetable. CP1584 was issued for industry consultation on Monday 7 August 2023 with responses invited by 5pm on Monday 4 September 2023.									
Next Event:	The CP1584 Ass October 2023.	The CP1584 Assessment Report will be presented to ISG and SVG for decision on 3 October 2023.								
Issue:	BSC Procedure process which re Representative k Change Administ	ntradictory withi the ability to p Panel. Furthermovinich doesn't al (<u>BSCP) 40 'Cha</u> quires a Party o known as a Part trator (BCA). Thi <u>Change Proces</u>	n the BSC fram opose Modifica ore, there is no ign with the exis inge Manageme or Party agent to y Agent Change s process has r	ework, part tions under formalised ting capab ent' also co o nominate Administra ot been us	icularly giv the super procedure ility to retra ntains refe a BSC Cha tor (PACA) ed in at lea	en that these vision and in place to act Modifications. rences to a ange				
Current Solution:	The aim of this C effective procedu Additionally this C Management', cla guiding principle This CP also rep BSC Change Dis	re for initiating a CP seeks to add arifying at which is to follow the s aces the proces	nd owning a CP a withdrawal pro point the CP car ame process an ses related to th	bcess to BS be withdra d approach e PACA an	CP40 'Cha awn, and by used for N d BCA with	inge y whom. The				

<u>CP1585:</u> Submissie LDSO sites to Hos		New									
Date Raised:	1 August 2023		Propose	er:	SS	SEN					
Target Implementation Date:	29 February 202	23	Current Status:		Consultation						
Progression:	PP	(CPC	AR		FR					
Flogression.	Aug 23	S	ер 23	Oct 23		Oct 23	Feb 24				
Latest Update:	the CP was raise industry consulta	CP1585 was presented to the SVG at its meeting on 1 August 2023. They noted that the CP was raised and the proposed progression timetable. CP1585 was issued for industry consultation on Monday 7 August 2023 with responses invited by 5pm on Monday 4 September 2023.									
Next Event:	The CP1585 Ass October 2023.	The CP1585 Assessment Report will be presented to the SVG for decision on 3 October 2023.									
Issue:	for Embedded Ll months later. In to their own netw	DSO sit contras vork in a led LDS	tes from th it, the Host a timeline i	e Embedded L LDSO receive manner via ma	_DS es th arket	Ds) receive Half He Os, but this data is a same data for s a messages. The c e estimated, which	s often received ites connected delay means that				
Current Solution:	LDSO connected (MM00206) and Supplier Matrix'	d site to D0036 (MM004	the Host I 'Validated	quality of forecasting. This CP proposes that the Half Hourly Data Collector send HH data for Embedded LDSO connected site to the Host LDSO via D0275 'Validated Half Hourly Advances' (MM00206) and D0036 'Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix' (MM00413). This would not require any update to the market messages themselves.							

III. Issue Updates

Issue 101: Ongoing the MHHS DIP	Governance, Fundin	g and Operation of	Update					
Date Raised:	13 July 2022	Proposer:	Elexon					
Latest Update:	Following the consultation on the proposed framework for the DIP enduring arrangements, Elexon have begun drafting the DIP Rules, which consist of legal text and DIP Subsidiary Documents. Each topic will be drafted and shared with the Workgroup, before discussion during a Workgroup meeting. The ninth Issue 101 Workgroup meeting was held on 16 August 2023. Elexon presented feedback from the consultation, and the Workgroup discussed the drafting for On-boarding and Off-boarding.							
Next Event:		iew the drafting for Data I iscussion at a Workgroup	Management and Information Security neeting.					
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 Hourl) and will be able to respond quickly than the current a elivery 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	and discussed SVAA To The Workgroup agreed	eld on 10 March. The Workgroup lerance Checks, estimation of CVA a recommendation to raise changes							
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:	Settlement error preven problems prior to the Set 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	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	tlement data is required at all stages wards to maintain accuracy and Settlement process. This assurance ificant financial impact on Parties							

Issue 106: Review o	of BSC Credit Cover A	rrangements	Update								
Date Raised:	13 January 2023	Proposer:	Elexon								
Latest Update:		ver Calculation, and how	August to discuss the forward-looking to reduce the risk of mutualisation								
Next Event:		The fifth Issue 106 Workgroup will likely meet in October. The goal of this meeting is to present the remaining analysis and discuss enforcement.									
Issue:	arrangements with indu concerns about credit b also not being an onerce Existing Credit Cover a Trading Charges in mo of over £71m through th These arrangements do collateral may be require Settlement position. There is a direct link be requirements. As marke BSC also fluctuates. Fu future consumer needs Hourly Settlement (MH calculations remain fit f	being sufficient to protect to bus burden on market par rrangements have not be st market failures in the p he Default Funding Share to not consider the addition red to cover if a Supplier to etween market prices for e et prices fluctuate, the am urther, as the market goes , such as changes being if HS), now is a good time to or purpose. hsider five work streams: redit Cover be used for; frames; quality; jing Credit; and	ssue Group. This is in response to key the market from Supplier Failure while								

Issue 108: Further E Arrangements Unde		Cost Recovery	Update							
Date Raised:	20 July 2023	Proposer:	Elexon							
Latest Update:	considered the bar Service cost recovery recovery mechanis alternative solution Group concluded to action and that suf	ckground & history to Issu- rery. To conclude the Worl sm in the BSC doesn't nee ns that would necessitate r that keeping the existing c fficient incentives exist to r	on 1 August 2023. The Workgroup e 108 and two potential options on RTS kgroup's views, the current RTS cost ed any changes. Elexon offered two modifications to the BSC. The Issue 108 ost arrangements is the best course of make changes to RTS outside the BSC.							
Next Event:	After the first Workgroup of Issue 108, the Issue report will be taken to Panel on 14 September 2023.									
Issue:	Arrangements Und mechanism (which Generators). The in agreeing that effor that there were sur 31 March 2024. He the previous under pass-through of R ² Issue 104 conside March 2024 along Group members we replacement scheet establish an Issue the BSC from Apri Given the existing seems prudent to 2024 onwards to in challenges for Sup	der the BSC' with the recomponent of the second currently attributes, on average recommendation to change recommendation to were best focussed on fficient incentives on Supprovever, this has not happer retanding that Elexon did records after 31 March 20 red an extension of the RT with a targeted charging a vere focused on the promponent of the attract of the tract of	xtending RTS Cost Recovery mmendation of no change to the charging verage 50% to Suppliers and 50% to on was based on the Issue Group moving customers away from RTS and liers for the transition away from RTS by ened, for a variety of reasons. Therefore, not intend to sign a further contract for the 024 may no longer be plausible. ITS cost recovery arrangements out to 31 approach. The considerations of the Issue of replacement of RTS devices, a net. Therefore, Elexon wishes to re- stry support for passing RTS costs through rm how the costs should be apportioned. ad the desired effect by 31 March 2024, it charging would be relevant from April eplace devices reliant on RTS. The acement of an RTS supported device with proaches beyond the BSC will likely factor							

IV. Progression of Modifications – up until implementation

<u>Key</u>	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:	Note: The progression plans below reflect the approved timetables.										

Mod	Title	Proposer	Date Raised	Urgent	Jul	Aug	Sep	Oct	Nov	Dec	Jan
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	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	RPC	DMR/ FMR

Mod	Title	Proposer	Date Raised	Urgent	Jul	Aug	Sep	Oct	Nov	Dec	Jan
P442	Reporting chargeable volumes for exempt and licensed supply	UC Energy Ltd	7 Jul 2022	No			APC		AR	RPC	DMR/ FMR
P443	To Cap NGESO Interconnector Trades at the Value of Lost Load (VoLL)	Saltend Cogeneration Company Ltd	17 Aug 2022	No	WA						
P444	Compensation for Virtual Lead Party actions in the Balancing Mechanism	BSC Panel	8 Sep 2022	No	WA						
P451	Updating BSC Black Start provisions and compensation	NGESO	1 Mar 2023	No			AP	APC		AR	RPC
P453	Metering Dispensation process improvements and clarification to the CoPs	UK Power Network	6 Apr 2023	No					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	DMR/ FMR	WA	
P455	On-Site Aggregation as a method to facilitate Third Party Access	Emergent Energy	8 Jun 2023	No	AP			APC			AR
P456	Enable Elexon to procure ancillary Technology Services for use by BSC Agents	BSC Panel	8 Jun 2023	No	ΑΡ	APC		AR/ RPC	DMR/ FMR	WA	
P457	Replace the Electricity Arbitration Association with the London Court of International Arbitration	BSC Panel	13 Aug 2023	No	RPC		DMR/ FMR	WA			

Mod	Title	Proposer	Date Raised	Urgent	Jul	Aug	Sep	Oct	Nov	Dec	Jan
P458	Introducing Data Controller and Processor Obligations in the BSC for MHHS Testing	BSC Panel	13 Aug 2023	No	RPC	DMR/ FMR	WA				
P459	Allowing different Supplier Agents to be appointed to Import and Export MSIDs	Good Energy	1 Aug 2023	No		IWA	АР				
P460	Amend the responsibility to propose and consult on a MHHS Migration Plan	BSC Panel	10 Aug 2023	No		IWA/ RPC	DMR/ FMR	WA	I		

V. Progression of Change Proposals – up until implementation

Key	Assessment	<u>CPC</u> :	Committee	<u>AI:</u>	<u> </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	Jul	Aug	Sep	Oct	Nov	Dec	Jan
CP1574	Improving the use of the D0215 data flow in the relevant industry processes	Elexon	4 Apr 2023	AI				I		
CP1575	Permitting the use of busbar voltage transformers within metering Codes of Practice 1 and 2	Elexon	4 April 2023	AI				I		
CP1576	Creation of a new Interconnector Fuel Type Category for the Viking Link Interconnector	National Grid	4 April 2023	AI				I		
CP1577	To clarify the sending of a D0151 is required for all COS NHH loss processes	EDF Energy	2 May 2023	AR/ FR	AI			I		
CP1578	Enabling Embedded LDSOs to submit Site Specific LLFs	Elexon	2 May 2023	СРС		AR/ FR	AI			
CP1579	Allowing HHDCs to undergo Protocol Approval before completing Qualification	Elexon	2 May 2023	AR/ FR	AI			I		
CP1581	Recommendation to update BSCP18 following Issue 105	Elexon	6 Jun 2023		AR/ FR	AI		I		

Mod	Title	Proposer	Date Raised	Jul	Aug	Sep	Oct	Nov	Dec	Jan
CP1582	Remove MA from BSCP520 3.6.2.3	Elexon	27 Jun 2023	AR/ FR	AI			I.		
CP1583	Rationalising publication of European Transparency Regulation (ETR) data on Elexon Systems	Elexon	1 August 2023		PP	СРС	AR/ FR	I		
CP1584		Elexon	1 August 2023		PP	СРС	AR/ FR	AI		
CP1585		SSEN	1 August 2023		PP	СРС	AR/ FR	AI		

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.

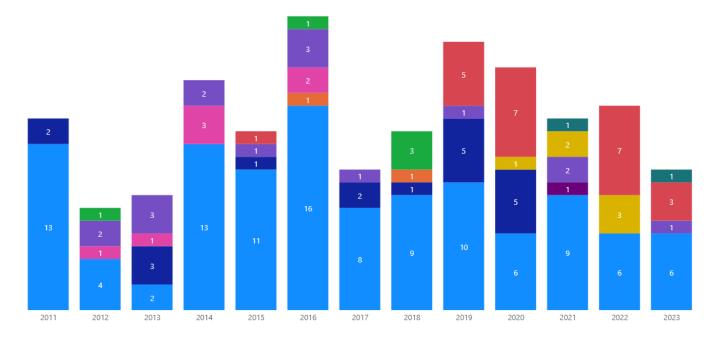
November 2023 Release					
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change		
P453	Amending Metering Dispensation Process, Updating AMP/DMP in CoPs and Clarifying the Relevant CoP	Document Only	7. Implementation Phase		
P395	Final Consumption Levies (FCLs)	System	7. Implementation Phase		
CP1579	Allowing HHDCs to undergo Protocol Approval before completing Qualification	Document Only	7. Implementation Phase		
CP1577	To clarify the sending of a D0151 is required for all change of supplier NHH loss processes	Document Only	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 Settleent 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	6. 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	TBC
P454	Removal of BSC obligations to provide BMRS Data via TIBCO and the High Grade Service	Document Only	4. Assessment / Consultation Phase	TBC
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	TBC
CP1578	Enabling Embedded LDSOs to calculate and submit Site Specific LLFs as required	Document Only	4. Assessment / Consultation Phase	Feb 24
CP1581	Recommendation to update BSCP18 following Issue 105	Document Only	5. Report / Panel Decision Phase	Nov 23
CP1582	Remove MA from BSCP520 3.6.2.3	Document Only	4. Assessment / Consultation Phase	Nov 23

VII. Modification Trend Chart

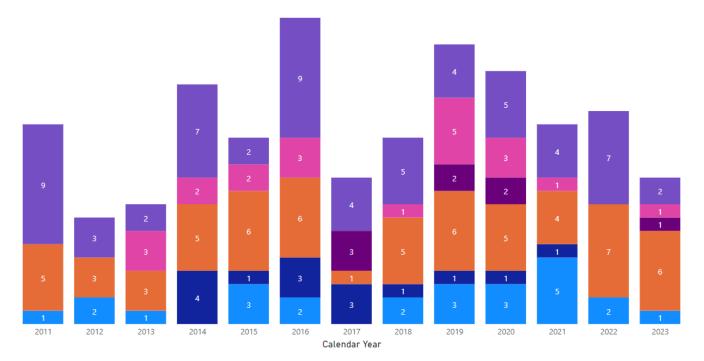
What's driving the raising of Modifications?

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



What type of Modifications are being raised?

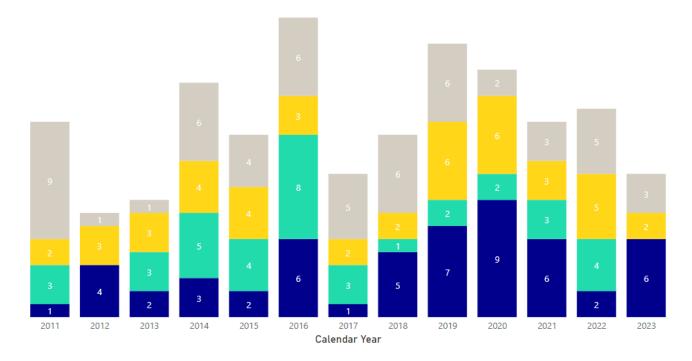
Category L1 OAssurance OCredit OGovernance Registration OReporting OSettlement



Who is raising Modifications?

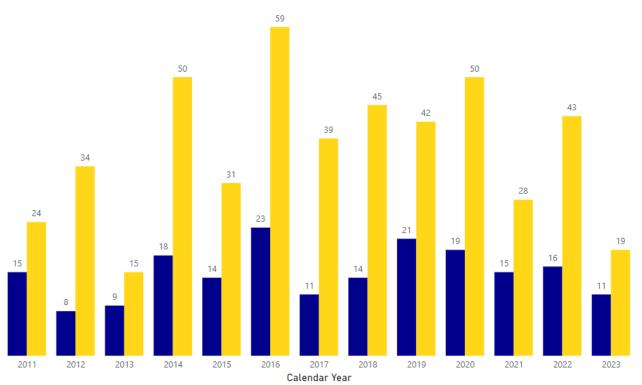
Raiser

BSC Panel
Incumbents
National Grid
Other

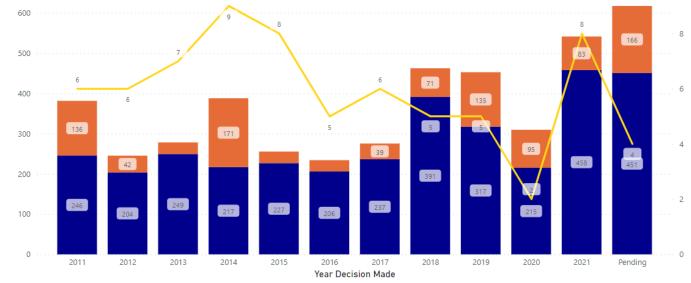


How many Modifications raised and Workgroups held?

Mods raised
 Workgroups (excl. Issues)



Mean calendar days to send to Ofgem, Mean calendar days for Ofgem to make decision and Count of Mods decided by Year Decision Made



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

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

VIII: Recommendations

We invite the Panel to:

- a) APPROVE a two month extension for P454; and
- b) NOTE the contents of the September 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 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.		