BSC Panel 298

ELEXON



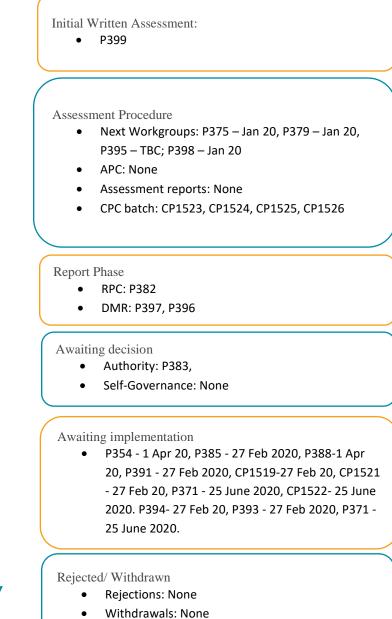
298/03 BSC Change Report: January 2020

Summary of Open Changes

Total open changes:

- Modifications 20
- Change Proposals 7
- Issues 5

Modifications and Change Proposals





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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Modifications that have been approved but not yet implemented and details of Modifications that have been rejected or withdrawn.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Rejected / Withdrawn	Modifications that have been rejected by the BSC Panel/ the Authority or withdrawn by the Proposer or the Pane	Change Proposals that have been rejected by the Panel or the relevant Panel sub- Committee.



Modification Updates – up until decision

2332: Revisions to the Supplier Hub Principle		Update		
Date Raised:	28 January 2016	Proposer:	Smartest Energy	
Target	Post 2020	Current Status:	Assessment	
Implementation			Procedure	
Date:				
Latest Update:		nave requested a six-mon		
		eport in July 2020. The pl		
		ght form Workgroup Mer hering to conclude in early		
		rently believe a long and	·	
	is justified.	rently believe a long and		
Next Event:		are to provide case studie	s that evidence the	
		ion at a meeting week co		
	or 3 February 2020. It	is hoped the case studies	can identify specific	
	areas to gather further	r evidence on and focus th	ne solution on.	
Recommendation	We recommend that t	he Assessment Procedure	is extended by six	
		e Assessment Report to tl	ne Panel at its July 2020	
-	Meeting.			
Issue:	The BSC when originally created was designed to support the Supplier			
	hub principle and to this end is silent on the practice of 'Customer			
	appointed Agents'. The 'appointment' of Agents by Customers ,			
	outside of the Supplier hub principle, makes managing Agent performance and delivery of obligations within the BSC difficult,			
	resulting in a reduction in a Supplier's ability to manage performance			
	_	inst industry targets and risking non-delivery of specific obligations.		
Current Solution:		nd the roles and responsi		
	Agents. This includes r	equiring Supplier Agents	to become signatories	
	to the Balancing and S	ettlement Code (BSC).		
History:	P332 was raised by Smartest Energy Limited on 28 January 2016 and			
	seeks to address issues associated with Customer's contracting directly			
	with Supplier Agents.			
	The Panel at its meeti	ng on 14 September 2017	directed (in	
		10) the P332 Workgroup t		
			•	
		vas effectively placed on l		
	believed the Significant Code Review (SCR) on Half Hourly Settlement			
	(HHS) could change the baseline against which P332 was being			
	developed and assessed. Periodic checkpoints were scheduled to			
	check whether P332 should re-start, remain on-hold or be withdrawn.			
	The Panel approved a seven-month extension to the Assessment			
	Procedure at its meeting on 10 May 2018. The rationale for the			
	extension was to allow enough time for the outcome of Ofgem's policy			
	work to be known and for the Target Operating Models (TOMs), which			
		s part of the SCR, to be fu	-	
	Panel approved a nine-month extension to the P332 Assessment			



Procedure at its meeting on 13 December 2018, returning with the
Assessment Report to the September 2019 Panel meeting. This was on
the basis that the preferred Target Operating Model (TOM) to be taken
forward in Ofgem's Significant Code Review (SCR) on Electricity
Settlement Reform represents a material change from the current
baseline against which P332 would be assessed. Further, Ofgem is also
considering two areas of policy which will have an impact on P332:
Consultation on supplier agent functions under market-wide
settlement reform and Future of supply market arrangements – call for
evidence (includes Supplier Hub). The Proposer is monitoring the
development of the SCR and these policy areas to consider whether
P332 should be withdrawn or work restarted.
At the September 2019 Panel meeting, the Proposer provided his view
that his issue has not yet been addressed in any of the wider Ofgem
initiatives and that he is minded to reduce the scope to Meter
Operator Agents only.
The Panel sought Ofgem's views as to whether P332 is in line with
Ofgem's current strategic direction and whether P332 is or will be
within scope of any of Ofgem's programmes of work. Ofgem provided
its view on 9 October 2019. Ofgem believe P332 is not and is unlikely
to be in scope of any of its programmes of work and P332 could be
investigated separately from considerations of a fundamental change
to the whole market design, especially considering the proposed
narrowed scope of the modification.
On 10 October 2019, the Panel approved a three-month extension to
the P332 Assessment Procedure with the understanding a further
Workgroup meeting would be held.
The first P332 Workgroup in two years was held on 27 November
2019. The Workgroup agreed that work should continue on P332.
Workgroup Members agreed to provide case studies for instances
where customer preferred agents have been the cause of, or a
significant contributing factor, in issues resulting in BSC
underperformance.

P371: Inclusion of	No Update		
Imbalance Price calculation			
Date Raised:	11 September 2018	Proposer:	UK Power Reserve
Target	25 June 2020 (June	Current Status:	Approved for June
Implementation	2020 Release)		2020 Release
Date:			
Latest Update:	On 16 December 2019, the Authority Approved P371 for		
	implementation on 25 June 2020.		
Next Event:	P371 will be implemented on 25 June 2020 as part of the June 2020		
	BSC Release		
Issue:	P305 proposed a new methodology for pricing reserve into the		
	calculation of the imbalance price exclusively for Settlement Periods in		



	BM and Non-BM STOR. The aim was to capture the value that that capacity is providing to the system at times of margin tightness.
	At the time the new methodology was limited to STOR because STOR was considered "the main source of reserve", now the GB balancing system has undergone a range of changes, whereby Reserve products have been rationalised and harmonised. There is a lack of harmonised treatment between STOR and Fast Reserve and it is necessary to extend the application of the Reserve Scarcity Price (RSP) calculation methodology to Fast Reserve.
	The Proposer believes that there is no reason for a different treatment of the two Reserve products and Fast Reserve should have been captured already within P305.
Current Solution:	This Modification Proposal aims to include non-BM Fast Reserve actions in the calculation of the Imbalance Price, by including them in the Balancing Service Adjustment Data file. This will make the Imbalance Price more reflective of the actions taken by the System Operator.
History:	P371 was raised by UK Power Reserve on 11 September 2018. The
	Initial Written Assessment was presented to the Panel on 13
	September 2018 and the Panel agreed to progress the Modification to the Assessment Procedure. The first industry Workgroup was held on 24 October 2018. 14 actions, including detailed analysis were identified for ELEXON and National Grid to jointly complete. Due to the level of analysis requested by the Workgroup in order that it can fully develop an appropriate solution, the Assessment Procedure has taken longer than initially anticipated. This resulted in the Panel extending the Assessment Procedure by four months at its February 2019 meeting. The second Workgroup for P371 was held on 13 March 2019 where the Workgroup agreed two possible solutions to P371. ELEXON undertook Impact Assessments to assess the costs and implementation times of potential solutions.
	The Third P371 Workgroup was held on 5 June 2019 where the Workgroup agreed its preferred solution. The Assessment Procedure Consultation was Issued on 17 June 2019 for 15WD.
	Responses to the Assessment Procedure Consultation were due on 5 July 2019. The final Workgroup was held on 16 July for the Workgroup to consider consultation responses.
	The Assessment Report was presented to the Panel on 8 August 2019.
	The P371 Report Phase Consultation was issued 13 August with responses due by 27 August 2019.



The P371 Draft Modification Report was presented to the BSC Panel on
12 September 2019, where it recommended P371 be approved
The P371 Final Modification Report was sent to the Authority for decision on 19 September 2019.

P375: Settlement of Secondary BM Units using metering			Update	
behind the site Boundary Point				
Date Raised:	10 December 2018	Proposer:	Flexitricity	
Target	TBC pending Service	Current Status:	Assessment	
Implementation	Provider Impact		Procedure	
Date:	Assessment			
Latest Update:	-	act Assessment is being c		
	_	eracts with P376 and P3		
	-	e. The sixth Workgroup		
		uss areas of the solution	•	
		tion with other Modifica		
		P376 to an extent), prep	_	
	-	is delaying going to cons		
Next Event:		inalising the Business Re	-	
	-	ore preparing the Assess	ment Consultation in	
	February.		<u>.</u>	
Issue:		allows metering at the de	•	
		nt purposes. However, v		
		mers to participate in the BM and other alternative balancing		
		ettled under the BSC framework, there is a		
		-	m metering behind the Boundary Point at	
the asset which is delivering the Balancing Service. The				
	through the development of the Project TERRE arrangements th			
	BSC Modification Proposal P344 'Project TERRE implementation			
GB market arrangements', but may become relevant to oth				
Balancing Services in the future. The need to allow Settler metering behind the Boundary Point is due to the desire				
	-	-		
	reduce any potential (either perceived or due to operational reasons) barriers to entry to participate in balancing products.			
Current Solution:	P375 proposes to settle Secondary Balancing Mechanism (BM) Units			
current solution.		44 'Project TERRE' (Tran		
		Exchange)) using meterir		
		0.11	• • •	
	the defined Boundary Point for Balancing Services (known as 'behind the Meter'), rather than settling using Metering Equipment at the			
Boundary Point as per current BSC obligations. This will a balancing-related services on site to be separated from i				
related activities, more accurately reflecting the balancing				
	volumes provided by the Balancing Service Provider (BSP).			
History:	P375 was raised by Flexitricity on 10 December 2018. The Initial			
	Written Assessment was presented to the Panel on 13 December 2018			
and was entered into the Assessment Procedure. P375 and P3				



being progressed separately, but with similar Workgroup Members and as such, Workgroup meetings will be held together where appropriate.
The first Workgroup meeting, held jointly with P376, was on 25 January 2019. The Workgroup discussed possible effects on the Boundary Site and how links with National Grid would affect the eventual solution.
The second Workgroup meeting was on 18 March 2019 in conjunction with P376. The Workgroup discussed metering standards and processes for secondary asset metering for use for balancing services and settlement as well as the line loss methodology to be applied. The Workgroup also considered how asset meters should be registered.
The third Workgroup meeting was on 16 May 2019. The Workgroup reviewed the draft Code of Practice for Asset Metering behind the Boundary Point and the work in progress Business Requirements. The Workgroup agreed that further consideration of the assurance regime, reporting and the types of behind the Boundary Point meters that should be included in the P375 solution are required
The BSC Panel approved a six-month extension to the P375 Assessment Procedure at their meeting on 13 June 2019. The P375 Assessment Report will be presented to Panel at its January 2020 Panel meeting.
The fourth Workgroup was held on 4 July 2019. The Workgroup discussed the customer journey registration process and the role of Meter Operator Agents. The Workgroup reviewed a use case to illustrate a 'metering by differencing' approach with multiple VLP actions on a site as well as Performance Assurance Techniques for VLPs.
The fifth P375 Workgroup was held on the 20 August 2019. The Workgroup conducted a detailed review of the business requirements and Asset Metering Code of Practice 11.
Given the complexity of aligning solutions and legal text with P379, the Assessment Phase was extended by three months and the Assessment Report is presented to the Panel at its April 2020 Meeting.



	Baselining Methodolo	•• •	Update		
Notifications for Settlement of Applicable Balancing Services					
Date Raised:	11 December 2018	Proposer:	Enel Trade S.P.A.		
Target Implementation Date:	ТВС	Current Status:	Assessment Procedure		
Latest Update:		vas held 10 December 20 on and finalise the Busine	-		
Next Event:	Following the fifth Workgroup ELEXON has made changes to the Business Requirements and is seeking feedback from Workgroup members.				
Issue:	 ELEXON raised Issue 71 'Introduction of a baselining methodology as an alternative to Physical Notifications' on 15 June 2018. This Modification builds on the back of this Issue and formally raises a Modification Proposal relating to the same defect. Modification Proposal P344 'Project TERRE implementation into GB market arrangements' seeks to align the Balancing and Settlement Code (BSC) with the European Balancing Project TERRE (Trans European Replacement Reserves Exchange) requirements. The solution developed by the P344 Workgroup allows customers (or independent aggregators acting on their behalf) to participate in TERRE (and the BM) independently of their electricity Supplier, by registering a 'Secondary BM Unit'. The P344 solution is intended to facilitate participants, including customers and independent aggregators. However, in the P344 solution, the existing BM Settlement arrangements remain unchanged. 				
Current Solution:	This Modification proposes to allow the Final Physical Notification which feeds into the Settlement of Trading Charges to be created via a Baselining Methodology. This Modification builds on the work of <u>Issue</u> <u>71</u> .				
History:	The Initial Written Assessment was presented to the Panel on 13				
	December 2018 and was entered into the Assessment Procedure.				
	P376 was raised by Enel Trade S.P.A. on 11 December 2018.				
	The first Workgroup meeting, held jointly with P375, was held on 25 January 2019, where the Workgroup explored the issue by discussing				
	possible effects on the Boundary Point and how links with National Grid would affect the eventual solution.				
	18 March 2019 to beg	ip for P376 was held in co in the process of designin nethods in order to prote	ng a solution and		



ELEXON worked with the Proposer to identify characteristics of
baseline methodologies currently used in other markets.
The third Workgroup was held on 3 June 2019, where the Workgroup considered baseline methodologies.
ELEXON worked with the Proposer to draft initial Business
Requirements and considered what analysis, if any, should be
undertaken on preferred baselining methodologies.
The fourth Workgroup was held on the 14 August 2019 to consider and
develop the Business Requirements. ELEXON issued a Request for
Information to support analysis on 23 September 2019 with responses
due 11 October 2019. ELEXON is working with industry participants to
ensure we have sufficient data to produce meaningful analysis to
support the P376 solution. We are also working with the teams for
P375 and P379 to ensure the Business Requirements are supportive of
each other.

P379: Multiple Su	uppliers through Mete	r Splitting	Update
Date Raised:	3 January 2019	Proposer:	New Anglia Energy
Target	November 2020	Current Status:	Assessment
Implementation	(subject to impact		Procedure
Date:	assessment)		
Latest Update:	The last P379 meeting	(WG11) was held on 8	January 2020. The
	purpose of the meeting Requirements.	g was to review the P3	79 Business
Next Event:	The next P379 meeting		
	Requirement is being s	,	
Issue:	In the view of the Proposer, this Modification will address a significant		
	barrier to competition in the market rules whereby multiple Trading		
	Parties are unable to compete for behind the Meter energy volumes,		
	measured at the same Settlement Meter at the BSC Boundary Meter		
	Point. The Proposer outlines that the existing arrangements do not		
	adequately facilitate the development of local energy markets and		
	supply innovation, and effectively mean there is a monopoly of one		
	Party, the default Supplier, over a consumer's energy volumes behind		
	a Settlement Meter at any given time, restricting competition and		
	innovation.		
Current Solution:	This Modification will enable individual consumers to be supplied by		
	multiple Trading Parties, including Suppliers through a Balancing and		
	Settlement Code (BSC) Settlement Meter at the Boundary Point. It will		
	amend the market rules to support development of non-traditional		
	business models and innovation, expanding upon the solution to be		
	implemented by BSC Modification P344 'Project TERRE		
	implementation into GB market arrangements'. It will achieve this		
	through the creation of a new Party Agent role, the Customer		



	Notification Agent (CNA), who would reconcile power flows through the Settlement Meter, enabling accurate allocation of volumes and costs, which in turn will allow Trading Parties to reflect these volumes in their bills and payments to consumers.
History:	P379 was raised by New Anglia Energy on 3 January 2019 with the Initial Written Assessment presented to the BSC Panel at its meeting on 10 January 2019. The Panel determined that P379 should be submitted to the Assessment Procedure, with the Assessment Report to be presented to the Panel at its meeting on 12 September 2019. The Panel requested an interim report on P379 at its June 2019 meeting.
	The first P379 Workgroup meeting was held on 27 February 2019. The group considered the Terms of Reference and discussed views on the proposal. ELEXON took a number of actions arising from the meeting, including further areas for consideration.
	Following the first Workgroup discussions ELEXON updated and issued two use cases for the Workgroups review prior to the next meeting.
	The second P379 meeting was held on 3 April 2019. The purpose of the meeting was to:
	 To clarify the P379 issue and scope; To discuss Workgroup views and feedback on use cases 1 (Electric Vehicle) and 2 (Exempt supply);and For Ofgem to provide an overview on Network Access and Forward- Looking Charge Arrangements Significant Code Review.
	The third P379 Workgroup was held on 18 April 2019. The purpose of the meeting was to finish discussions on the Exempt Supply Use Case. To provide more background information on Exempt Supply requirements Ofgem presented on the Exempt Supply framework and how this works within the current market. In addition ELEXON provided an overview of the existing options for non-licenced entities selling power over the Distribution Network Operator's (DNO) network and how the P379 solution could potentially work.
	An interim report was presented to the Panel on 13 June 2019, as agreed as part of the approved P379 progression plan. The Panel approved a six-month extension and advised the Workgroup to consider how the Modification could be scoped to deliver earlier. A meeting was held on 27 June 2019 to finish discussing balance responsibility and the Party Agent Role.
	The P379 WG6 and WG7 meetings were held on 23 and 24 July 2019 respectively. The Workgroup considered two 'operating models' for the P379 solution, highlighting the key priorities and areas of concern. A key part of P379 is the provision of metered data for assets



(e.g. electric vehicle) behind the Boundary Point Meter. ELEXON provided an update on P375, which is looking at metering systems not installed at the Boundary Point. Further P375 updates will be provided to the P379 Workgroup.
The P379 Workgroup 8 meeting was held on 13 August 2019. ELEXON presented the detailed proposed, and alternative models covering the different entities and functions involved in multiple supply. The Workgroup agreed with processes in both models. The Workgroup also considered the following items: P379 FAQ, Performance assurance, data flows and whether multiple supply will be optional or mandatory.
The P379 Workgroup 9 meeting was held on 24 September 2019. At the meeting Ofgem presented on Key design considerations. The Workgroup discussed the P379 high level Business Requirements, the Policy and Regulatory Log and complex use cases. ELEXON has drafted the detailed Business Requirements to be reviewed by the WG at the next meeting to be held in November 2019. The P379 meeting (WG9) was held on 24 September 2019. At the meeting Ofgem presented on Key design considerations. The Workgroup reviewed the P379 high level Business Requirements, P379 Policy - Regulatory Log and complex use cases. ELEXON has drafted the detailed Business Requirements for WG review. The P379 WG10 was held on 3 December 2019. The purpose of the meeting was to review the detailed P379 Business Requirements and agree next steps for Impact Assessment.

	its to the BSC to reflec awal from the Europe		Update
Date Raised:	4 March 2019	Proposer:	National Grid ESO
Target Implementation Date:	Not expected	Current Status:	Report Phase
Latest Update:	The EU withdrawal Bill is making its way through Parliament and is expected to be passed into law late January 2020. This will initiate a transition period whereby all EU law concerning electricity will remain extant until (at least) the end of the transition period on 31 December 2020.		
Next Event:	The revised P382 Draft Modification Report will be presented to the Panel in February 2020 (assuming the Bill is passed into law) with a recommendation to reject. We will continue to monitor Brexit developments and may need to raise another Modification later in the year to cover the post-Transition Period arrangements.		
Issue:	The European Union Withdrawal Act (2018) will allow the BSC to remain operative immediately following exit day. However, there will be technical inaccuracies, which may lead to confusion for anyone not		



	familiar with the relevant Brexit legislations, and will need updating as soon as possible. It should be noted that some revoked EU Legislation may not lead to the BSC being amended as it is more efficient for these parts of the BSC to remain 'dormant' until further details emerge of the UK's future relationship with the EU post-Brexit. An example would be parts of the Code dealing with P344 'Project TERRE' which won't become 'active' until December 2019.
Current Solution:	The BSC will be amended to reflect where EU regulations will not be retained in EU law and will make the BSC inoperable/confusing. If parts of the BSC are no longer applicable (as the associated EU regulation will not be retained), they may however, not necessarily need to be changed as allowing them to be dormant (i.e. not used but still there) may be more appropriate depending on the circumstances.
History:	P382 was raised on 4 March 2019 by National Grid ESO and the Initial Written Assessment was presented to the Panel on 14 March 2019. The Panel agreed, at its meeting on 14 March 2019, to progress P382 directly to the Report Phase and initially agreed that P382 should be approved. The Report Phase Consultation was issued on 18 March 2019 and closed on 29 March 2019. One response was received and agreed with the Panel's initial recommendations.
	The Panel reviewed the draft Modification Report at their meeting on 11 April 2019 and deferred making a decision until there is more certainty around the UK's exit from the EU. Coupled with uncertainty over whether P382 will be required (N.B. P382 is only required in the event of a no-deal exit from the EU), the Panel determined that the most economic and efficient thing to do would be to defer their decision. The Panel reviewed the position on 10 October 2019 and given the continued uncertainty over Brexit decided to defer again until the latter of the Panel meeting following exit day or April 2020.

P383: Enhanced reporting of demand data to the NETSO to			No Update
facilitate CUSC Mo	facilitate CUSC Modifications CMP280 and CMP281		
Date Raised:	6 March 2019	Proposer:	Innogy
Target	April 2021	Current Status:	With Authority –
Implementation			Submitted 20
Date:			September 2019
Latest Update:	The P383 Draft Modification Report was presented to the BSC Panel on		
	12 September 2019. The BSC Panel recommended that P383 should be		
	approved. The P383 Final Modification Report was sent to the		
	Authority for a decision on 20 September 2019.		
Next Event:	P383 is awaiting Authority decision. If the Authority approve P383 then		
	the Modification will be implemented on 1 April 2021. In order that		
	P383, CMP280 and CMP281 can be implemented for 1 April 2021 in		



	consideration of National Grid ESOs system development timescales,			
	Ofgem must make a decision on this P383 by 28 February 2020.			
Issue:	Connection and Use of System Code (CUSC) Modification Proposal			
	CMP281 and ELEXON's Workgroup Alternative CUSC Modification to			
	CMP280 both require aggregated metered data from specific storage			
	facilities' half-hourly (HH) Metering Systems, should they be approved.			
	However, the BSC does not currently specify processes or rules for			
	collecting and aggregating metered data from HH Metering Systems			
	that measure the Imports (and Exports) for specific storage facilities			
	that would be required for CMP280 and CMP281. Therefore, for the			
	BSC to continue to support the Transmission Company with its			
	network charging, new BSC processes will be required to enable the			
	identification, aggregation and reporting of metered data, and to			
	enable the BSC Panel to establish appropriate assurance.			
Current Solution:	The Proposer suggests a Modification of the BSC and a certain number			
	of its Code Subsidiary Documents so that they describe processes that			
	enable Imports and Exports from Half Hourly (HH) Metering Systems			
	for specific SVA registered storage facilities to be aggregated and			
	reported to the Transmission Company.			
History:	P383 was raised on 6 March 2019 by Innogy. The P383 IWA was			
	presented to the BSC Panel on 14 March 2019, who submitted it into			
	the Assessment Procedure.			
	The first Workgroup was held on 29 April 2019. The Workgroup have			
	identified a solution, agreed on the Applicable BSC objectives, and			
	agreed that it should not be progressed as Self-Governance.			
	ELEXON held the second Workgroup meeting on 11 June 2019 where			
	they discussed the legal text, business requirements and the Service			
	Provider Impact Assessment.			
	P383 was sent out for Assessment Procedure Consultation on 2 July			
	2019, with responses due by 22 July 2019.			
	The final P383 Workgroup was held on Monday 29 July 2019. The			
	Workgroup agreed on the Applicable BSC Objectives, the draft legal text, that P383 should not be progressed as Self-Governance, the			
	proposed Implementation Date, and that there were no alternative			
	solutions.			
	P383 was issued for Report Phase Consultation on 13 August 2019,			
	with responses due by 27 August 2019. The Panel initially believe P383			
	should be approved.			



	the efficacy and efficie	ncy of the Section H	No Update	
Default provision		D		
Date Raised:	3 April 2019	Proposer:	Centrica	
Target	Feb 2020 BSC Release	Current Status:	Awaiting	
Implementation Date:			implementation	
Latest Update:		ppeal window for P385 c		
		received. Therefore P38	5 will be implemented	
	in the February 2020 B			
Next Event:		ted in the February 2020		
Issue:		cing and Settlement Coc		
	to pay their debts and defaulting on the BSC has increased in 2018.			
		ars without a Supplier of		
	-	irrence in 2016 followed		
		as resulted in greater exp	•	
		are then mutualised acr		
		ability to take mitigating	•	
	financial protection when an Event of Default is triggered, but the			
	current arrangements in BSC Section H 'General' are overly complex			
		before an Event of Defa		
Current Solution:		ments to the Default arra	-	
	Section H 3 'Default' in order to increase visibility to industry of Parties			
	at risk and to potentially allow for earlier remedial action by the BSC			
	Panel.			
History:	On 3 April 2019, Centrica raised P385. ELEXON presented the Initial			
	Written Assessment at the 11 April BSC Panel meeting, where the			
	Panel agreed to progre	ss P385 to the Assessme	nt Procedure.	
	Following experiencing difficulty confirming a date for the first			
	Workgroup meeting, due to quoracy issues, ELEXON externally			
	engaged prospective Members and secured the necessary number of			
	voting Workgroup Members.			
	The first Workgroup for P385 was on 17 June 2019. The Workgroup			
	developed a large amount of the solution, identifying an approach			
	where parameters for certain Events of Default are placed under Panel			
	control.			
	The second Workgroup for P385 took place on 15 July 2019, where all			
	remaining areas of the solution were agreed. The Workgroup is			
	currently reviewing the draft Assessment Procedure Consultation. The			
	Assessment Procedure Consultation closed on 21 August 2019. There			
	were 3 responses from Suppliers, all of whom are supportive of the			
	proposal and its recommendation as a Self-Governance Modification.			
	The third and final P385 Workgroup meeting took place on 30			
	September, where Members will consider responses to the			
	Consultation and provided final views on the P385 solution. The			
		ueu iinai views off the Pa		



Workgroup have unanimously recommended the Solution with no alternatives identified. They recommend that P385 be governed under the Self Governance Criteria. At the BSC Panel meeting on 10 October 2019, the Panel considered the Assessment Report and agreed to progress P385 to the Report Phase with an initial recommendation to approve. The Report Phase Consultation received three responses, all of which were supportive of the Modification and its progression as a Self-Governance Modification. The Draft Modification Report was presented to the BSC Panel on 14 November 2019 where the Panel approved P385 as a Self Governance Modification for implementation on 27 February 2020 (Feb 2020 BSC Release). The Self Governance Appeal window for P385 closed on 4 December 2019.

P390: Allowing exte	ensions to ELEXON's k	ousiness and	Update
activities, subject to			
Date Raised:	12 August 2019	Proposer:	E.ON
Target	5 Working Days after	Current Status:	Assessment
Implementation	Authority decision		Procedure
Date:			
Latest Update:	The second P390 Workgroup meeting was held on 18 December 2019, where the Workgroup developed the solution. Ofgem provided an		
		at the Authority are current of the current of the section of the	
	J J	veloping a legal interpre	
	the Authority must hole	d an approving role for th	ne taking on of new
		he Workgroup, ELEXON	
		ne Workgroup informed.	
	Workgroup will be held to consider the outcomes of this engagement		
	as well as to consider the drafted Legal Text, likely in late January		
	2020.		
Next Event:	A third P390 Workgroup meeting will be held in late January 2020.		
Issue:	The BSC restricts the activities of ELEXON and in the absence of a		
	specific Modification any additional activities cannot be pursued by		
	ELEXON (even when those activities would be of benefit to BSC Parties,		
	industry generally and/or the consumer). In the past specific		
	Modifications have been necessary which have enabled ELEXON to		
	provide the Warm Homes Discount Reconciliation service, EMR		
	settlement, and to participate in gas performance assurance		
	framework and REC manager appointment processes.		
	Such individual Modifications to extend ELEXON's vires are time		
	consuming and can be an unnecessary distraction for industry. They		
	can also result in ELEXON being unable to pursue an opportunity		
Current Solution:	within a required timeframe. A framework into the BSC that allows the ELEXON Board to determine		
current solution:		ndertake additional activ	



	conditions are met. All of the conditions introduced in previous		
	Modifications to ELEXON's vires, P330 'Allowing ELEXON to tender for		
	the Uniform Network Code Gas Performance Assurance Framework		
	Administrator (PAFA) role' and P365 'Enabling ELEXON to tender for		
	the Retail Energy Code (REC)' are included, plus some additional		
	conditions to safeguard the interests of BSC Parties.		
History:	P390 was raised by E.ON on 12 August 2019. The IWA was presented		
	to the Panel on 12 September 2019. ELEXON are ascertaining the most		
	appropriate date for the first Workgroup, proposed for early October		
	2019 subject to the availability of the minimum number of members to		
	be quorate. This has involved direct engagement with industry		
	members with experience as a Workgroup member for similar		
	modifications, as well as reminding industry about the Modification via		
	communications channels. The first P390 Workgroup was held on 18		
	November 2019, where discussions focused on finding the appropriate		
	balance between enabling the ELEXON Board to bid for appropriate		
	opportunities of interest while ensuring that appropriate oversight and		
	transparency remain for BSC Parties. ELEXON took several actions		
	away and agreed to present some different options for the		
	incorporation of a Panel or industry consultation within the P390		
	solution. Workgroup Members were generally comfortable with the		
	proposed conditions for P390, however it was agreed to reintroduce		
	the 'undue competitive advantage' Ofgem criteria, on the basis that it		
	reaffirms conditions already present in the BSC and alleviates a		
	concern raised by Ofgem. Due to delays securing the necessary		
	number of Workgroup members to be quorate, we have been unable		
	to meet the originally agreed timetable for P390, although good		
	progress is now being made.		
	Probless is not weightinger		

P392: Amending E	3SC Change Process fo	r EBGL Article 18	Update	
Date Raised:	2 October 2019	Proposer:	National Grid ESO	
Target	4 April 2020	Current Status:	Assessment	
Implementation			Procedure	
Date:				
Latest Update:	The first P392 Workgro	oup was held on 8 Novem	ber 2019, the objective	
	of this meeting was to	discuss and agree how th	ne BSC Modification	
	process will reflect the	process will reflect the delegations made from NGESO to ELEXON and		
	the BSC Panel. ELEXON	the BSC Panel. ELEXON and NGESO requested external legal advice on		
	the definition of 'tasks'	the definition of 'tasks' and 'obligations' within EBGL to ensure the		
	delegations are compliant. ELEXON also needs the delegation letter			
	from NGESO before further developing the solution. For these reasons			
	the second Workgroup will now be held on 10 January 2020.			
Next Event:	ELEXON and NGESO received external legal advice on 7 January 2020.			
	We expect to receive formal delegation from NGESO by 9 January			
	2020. Therefore, the next P392 Workgroup meeting will be held on 10			
	January 2020. The purp	January 2020. The purpose of this meeting is to go through the Legal		
	text, Business Requirer	ments and the Workgrou	p member's initial votes	
	in advance of Assessme	ent Procedure Consultation	on.	

Т



Issue:	National Grid Electricity System Operator (NGESO) is delegating some		
	of its powers and obligations under European Electricity Balancing		
	Guideline (EBGL) Articles 4, 6 and 10 to either of the Balancing and		
	Settlement Code Company (BSCCo), or the BSC Panel. The BSC		
	therefore needs to be amended to reflect the BSCCo's and BSC Panel's		
	increased powers and obligations under the delegation to facilitate the		
	EBGL change process within existing BSC change processes.		
Current Solution:	Update the relevant BSC processes to capture the specific powers and		
	obligations delegated to the BSCCo or the BSC Panel (as relevant) from		
	NGESO, and clearly set out the change process that shall apply to any		
	BSC Modification proposal seeking to amend any of the EBGL Article 18		
	terms and conditions.		
History:	P392 was raised by National Grid ESO on 2 October 2019. The P392		
	Initial Written Assessment was presented to the BSC Panel on 10		
	October 2019, where they agreed that P392 should be progressed to		
	the Assessment Procedure.		
	Update the relevant BSC processes to capture the specific powers an obligations delegated to the BSCCo or the BSC Panel (as relevant) fro NGESO, and clearly set out the change process that shall apply to any BSC Modification proposal seeking to amend any of the EBGL Article terms and conditions. P392 was raised by National Grid ESO on 2 October 2019. The P392 Initial Written Assessment was presented to the BSC Panel on 10 October 2019, where they agreed that P392 should be progressed to		

P393: Disapplicati	P393: Disapplication of Supplier Charge SP01		
Date Raised:	10 October 2019	Proposer:	BSC Panel
Target Implementation Date:	27 February 2020	Current Status:	Awaiting Implementation
Latest Update:		Authority approved P3 s part of the February 2	393 for implementation 020 BSC Release.
Next Event:	P393 will be implemen 2020 BSC Release.	ted on 27 February 202	0 as part of the February
Issue:	Suppliers incur Supplier Charges if they fail to meet certain performance levels against six PARMS Serials. Supplier Charges are intended to charge Parties where they fail to meet certain performance levels, and redistribute such funds to disadvantaged Parties. However, the non-submission of PARMS reports (for which Supplier charge SP01 is applied) does not directly disadvantage other Parties. Therefore, the application of Supplier Charge SP01 doesn't clearly align to the purpose of Supplier Charges.		
Current Solution:	P393 seeks to set Supplier Charge SP01 to a value of £0 in BSC Section S Annex S-1 'Performance Levels and Supplier Charges'. Historic missing data for which an SP01 Charge is applicable will also revert to zero after the Implementation Date of this Modification.		
History:	raised BSC Modificatio the Report Phase Cons inclusive. The P393 Dra BSC Panel at its meetin	n P393 at its meeting of ultation ran over the pe aft Modification Report	9, where it unanimously



P394: Removal of	emoval of Unused BSC Provisions		Update	
Date Raised:	10 October 2019	Proposer:	BSC Panel	
Target	27 February 2020	Current Status:	Report Phase	
Implementation				
Date:				
Latest Update:	At its meeting on 12 De	At its meeting on 12 December 2019, the BSC Panel unanimously		
	-	on P394 should be approv	-	
	-	SC Parties had 15 Workir		
		94. This 15 Working Day p	period expired on 8	
	January 2020.			
Next Event:	As no appeal was recei	ved, P394 will be implem	ented in accordance	
	with the Panel's detern	nination on 27 February 2	2020.	
Issue:	The redundant BSC sections reduce the efficiency of the Code. They			
	also make the BSC harder to interpret and understand, resulting in			
	increased regulatory burden for Parties (and potential Parties). Lastly,			
	as ELEXON replaces its Central Systems, the unused provisions			
	generate unnecessary requirements that could result in superfluous			
	costs.			
Current Solution:	This Modification proposes to remove the unused BSC provisions,			
	making the Code more efficient, accessible and relevant to parties, and			
	removing potential am			
History:	P394 was raised by the BSC Panel on 10 October 2019. The Panel			
	decided to submit P394 direct to the Report Phase, with an initial			
	recommendation to approve as a Self-Governance Modification			
	Proposal.			

P395: Excluding generators from BM Unit Gross Demand			No Update
and the calculation	and the calculation of EMR Supplier Charges		
Date Raised:	7 November 2019	Proposer:	Centrica
Target	ТВС	Current Status:	Assessment
Implementation			Procedure
Date:			
Latest Update:	The Panel considered t	he IWA on 14 November	2019 and agreed to
	advance the Modification to the Assessment Procedure.		
Next Event:	The first meeting of the P395 Workgroup will be held on 27 February		
	2020		
Issue:	Currently the BM Unit Gross Demand Report attributes to Suppliers		
	electricity they have provided to generators (including storage		
	facilities) operated by Generation Licensees, which falls outside the		
	definition of 'supply' in the Electricity Act 1989.		
Current Solution:	P395 proposes to amend BSC systems and processes so that the SAA-		
	I042 'BM Unit Gross Demand Report' only includes electricity		
	'supplied' to premises by licensed Suppliers, and therefore excludes		
	electricity imported by	Generators operated by	a licensee for



	generation activities (i.e. those activities authorised by their generation licence to carry on). To facilitate this outcome, P395 proposes that the BSC incorporates the interim solution and extends it to cover complex sites too. This solution would cover sites connected to both the distribution and transmission systems, and where the sites Metering Systems are registered in Supplier Meter Registration Service (SMRS) or Central Meter Registration Service (CMRS).
History:	P395 was raised by Centrica on 7 November 2019.

<u>P396:</u> Revised treatment of BSC Charges for Lead Parties of			Update
Interconnector BM Units			
Date Raised:	10 December 2019	Proposer:	Nord Pool Spot AS
Target	November 2020	Current Status:	Report Phase
Implementation			
Date:			
Latest Update:	The P396 Initial Written Assessment was presented at the December		
	•	nel agreed to send P396 s	•
	Phase Consultation. Th	e P396 Consultation will	run from 17 December
	2019 to 10 January 202		
Next Event:		nsultation will be collate	•
		ng on 16 January 2020.Th	
	-	Il be a late paper due to	_
		er the Christmas and Nev	
Issue:		kage (Article 2 of Regula	
		nould be treated as part	
	-	luction or Consumption.	
	charging arrangements	are not aligned with the	EU Third Package.
	For the purposes of calculating Balancing and Settlement Code (BSC)		
	Charges, Interconnector Balancing Mechanism (BM) Units in Great		
	Britain, are currently treated as either a Production BM Unit		
	(generation) or a Consumption BM Unit (demand). The BSC Charges		
	derived from Credited Energy Volumes are paid for by all BSC Parties		
	-	Consumption BMUs with	n non-zero Metered
	Volumes, including Inte		
Current Solution:	-	osal seeks to exclude Inte	-
		from the Main Funding	
		hare BSC Charges, in ord	
		This Modification was pre	
		17.On 22 October 2019 (•
	P361 has 'timed out'. Ofgem was not in a position to make a determination on P361 by 1 November 2018. The P361 Proposer Nord		
	Pool Spot AS has re-raised P361 as a new Modification. If approved the		
		ective in the 2020/21 fin	•
History:		raised by Nord Pool AS c	
		396 Initial Written Asses	sment on 12 December
	2019.		



<u>P397</u> : Assessing the costs and benefits of adjusting Parties'		Update	
Imbalances following a demand disconnection			
Date Raised:	7 November 2019	Proposer:	BSC Panel
Target	1 WD after Self	Current Status:	Report Phase
Implementation	Governance Appeals		
Date:	Window closes		
Latest Update:	The BSC Panel agreed t	o raise P397 by majority	at its meeting on P397
	-	Panel at its meeting on 12	
	sent it directly to the Re	eport Phase. P397 was is	sued for a 15 WD
		n 16 December 2019 and	l concluded on 08
	January 2020.		
Next Event:		nsultation will be collated	d and presented to the
	Panel at its next meetir		
Issue:	Settlement Adjustment Processes (also known as the 'bottom-up'		
	processes) introduced into the Balancing and Settlement Code (BSC) under P305 'Electricity Balancing Significant Code Review		
	Developments' in November 2015 may not be efficient to run in all		
	circumstances, for example, when considering a Demand Control Event		
	(DCE) that has minimal material impact on Settlement. This possible		
		ng the DCE which occurr	
Current Solution:		e a mechanism through w	•
		any (BSCCo) determines	
		erators (LDSOs), the Nati	
		perator (NETSO), certain	, .
	-	uld carry out the Settlem	-
	-	CE. BSCCo would determ	
		ary, determine and comp	
		er to determine whether	
History		ustment Processes outwo	-
History:	P397 was raised by the	BSC Panel at its meeting	on 12 December 2019.

P398: Increasing access to BSC Data		Update	
Date Raised:	12 December 2019	Proposer:	BSC Panel
Target	ТВС	Current Status:	Report Phase
Implementation			
Date:			
Latest Update:	P398 was raised by the Panel at its meeting on 12 December 2019. The		
	Panel agreed to progress P398 to the Assessment Procedure for		
	consideration by a workgroup.		
Next Event:	The first Workgroup is planned for Thursday 16 January 2020.		
Issue:	In June 2019 the Energy Data Task Force (EDTF) published its report <u>A</u>		
	Strategy for a Modern Digitalised Energy System'. One of its		
	recommendations was that the energy sector should 'adopt the		
	principle that Energy System Data should be Presumed Open'. The		



	EDTF report recommends that BEIS and/or Ofgem should use legislative and regulatory powers to achieve this recommendation. The BSC does not currently fully support the open data principles as recommended by the EDTF. This Modification seeks to implement market leading working practises regarding data availability within the BSC.
Current Solution:	P398 proposes amending the BSC so that all data is assumed open unless there is a reason otherwise. The Panel (or delegated Sub- Committee) will determine if there is any reason not to make data available. This will be done based on a transparent process of triage and categorisation. In the longer term, we will look at an IT solution to make accessing BSC data even easier than having to make a formal request for release/publication.
History:	P398 was raised by the BSC Panel at its meeting on 12 December 2019.

P399: Making the i	dentity of Balancing S	ervice providers	Update	
visible in the Balancing Services Adjustment Data				
Date Raised:	24 December 2019	Proposer:	Sutton Bridge Power	
			Station	
Target	TBC (to be confirmed	Current Status:	Initial Written	
Implementation	through Modification		Assessment	
Date:	Assessment)			
Latest Update:	P399 was raised by Sut	P399 was raised by Sutton Bridge Power Station on behalf of Calon		
	Energy on 24 December 2019.			
Next Event:	The IWA for P399 will be presented to the BSC Panel on 16 January			
	2020, where it will determine how the Modification shall be			
	progressed.			
Issue:	Currently, each Balancing Adjustment Action taken outside the			
	Balancing Mechanism is reported with a unique sequential number.			
	The Proposer contends that this does not identify the counterparty to			
	the bilateral trade and creates an information advantage to those			
	counterparties, reducing transparency in the operation of the system			
	creating a barrier to effective competition.			
Current Solution:	P399 seeks to include a new identifier field in the Balancing Services			
	Adjustment Data (BSAD).			
History:	-			



Change Proposal Updates – up until decision

CP1516: New Inte & IFA2	erconnector Fuel Type	Categories: ElecLink	Update	
Date Raised:	7 March 2019	Proposer:	National Grid	
Target Implementation Date:	18 December 2019	Current Status:	Implemented	
Latest Update:		CP1516 was successfully implemented on 18 December 2019 as part of an ad-hoc December 2019 BSC Release.		
Next Event:	No further CP1516 ev	ents		
Issue:	The Balancing Mechanism Reporting Service (BMRS) is used for reporting operational data, relating to the Great British (GB) electricity Balancing and Settlement Code (BSC) arrangements. In part, it receives, stores and publishes data relating to the Interconnectors to Great Britain (GB). This information is available to BMRS users via several graphs, tables and xml/csv downloads, along with API, Data Push services and TIBCO services.			
	connecting the GB bid under construction. T	e Direct Current (HVDC) Ir Iding zone to other biddin he ElecLink and IFA2 inter or commissioning in Nover	g zones are currently connectors between GB	
Current Solution:	The BSC arrangements require a separate 'Fuel Type Category' to be defined for each interconnector for reporting purposes on the BMRS. Therefore, it is necessary to make changes to the BMRS, to include the two new 'Fuel Type Categories', before ElecLink and IFA2 go live, in order to provide market participants data in a transparent manner. The solution proposed for implementing CP1516 is an interim solution whereby aggregated data for Eleclink and IFA2 will be included within the existing IFA field (INTFR) on BMRS. Disaggregated data will be published on a new webpage on the BMRS, from which market participants will be able to pull data via an API, on the same timescales as currently available on the BMRS. The reason for this interim solution, which we expect to be in place until at least November 2020 is because P344 'Project TERRE implementation into GB market arrangements', P384 'The publication of European Electricity Balancing Guideline (EB GL) balancing data by BMRS' and CP1516 all require changes to BMRS for implementation in the November-December 2019 time period. The delivery of these changes over the same timeframe created constraints, that if not addressed would have impacted the delivery of P344.			



History:	CP1516 was raised on 7 March 2019 after being presented to the
	Imbalance Settlement Group (ISG) for information as a verbal update
	on 19 February 2019 (ISG214).
	CP1516 was published for consultation on 17 May 2019, with responses due by 5pm Thursday 13 June.
	CP1516 was presented to the BSC Panel for decision on 11 July 2019. The Panel approved CP1516 for implementation on 30 November 2019.
	As the Panel are required to approve new Fuel Types, it was efficient for the Panel to also approve the changes to the BSC subsidiary documents at the same time, which are being amended via CP1516.
	The Panel approved a request to amend the Implementation Date from 30 November 2019 to 18 December 2019 at its meeting on 10
	October 2019. This was on the basis that the ElecLink Interconnector will not be energised in December 2019 as originally planned.
	Therefore, the previous dependency to implement by 30 November
	2019 is no longer relevant. As P384 (due for implementation on 18
	December 2019) also impacts the BRMS system, there are efficiencies
	from aligning the two Implementation Dates.

<u>CP1521</u>: BSCP70 A	mendments for IA and	d IEA	Update
Date Raised:	27 August 2019	Proposer:	ELEXON
Target	27 February 2020	Current Status:	Awaiting
Implementation			Implementation
Date:			
Latest Update:	The CP1521 Assessmer	It Report was presented t	to the SVG on 3
	December 2019 follow	ng CP consultation and s	ubsequently approved.
Next Event:	CP1521 will be implem	ented on 27 February 202	20 as part of the
	February 2020 BSC Rele	ease.	
Issue:	BSCP70 currently omits	Interconnector Adminis	trator (IA) and
	Interconnector Error A	dministrator (IEA) from b	eing required to
	-	ion Testing. As there are	
	Interconnectors scheduled to go live over the next four years (with a		
	further seven planned) there is a potential risk to Settlement if the IAs		
	and IEAs for the new Interconnectors have not demonstrated that they		
	are able to send and receive the relevant Settlement data flows		
	to/from BSC Central Sy		
Current Solution:		include IA and IEA in the	data flows relevant to
	IEAs and IAs for CVA Qu		
History:	CP1521 was raised by E	LEXON on 27 August 201	.9.
	The CP Progression Pag	per was presented to the	SVG on 3 September
	2019 for information.		



The CP Progression Paper was presented to the ISG on 17 September 2019 who had no further comments.
CP1521 was issued for industry consultation from 14 October to 8 November in CPC batch CPC00798.
CP1521 was presented to the ISG on 19 November 2019 and to the SVG on 3 December 2019. It was approved and is now awaiting implementation as part of the scheduled February 2020 BSC Release.

<u>CP1522:</u> Updates to BSCP520 to align with working		Update	
practices and UMS	UG recommendation	S	
Date Raised:	31 October 2019	Proposer:	ELEXON
Target Implementation Date:	25 June 2020	Current Status:	Awaiting Implementation
Latest Update:	meeting on 7 January 2	t Report was presented t 020. The SVG approved (f the June 2020 Release.	
Next Event:	CP1522 will be impleme	ented as part of the June	2020 BSC Release.
Issue:	The Unmetered Supplies User Group (UMSUG) has identified a number of issues with BSC Procedure (BSCP) 520 'Unmetered Supplies Registered in SMRS', that if addressed would remove redundant obligations; along with clarifying and updating the BSC's Unmetered Supplies arrangements.		
Current Solution:	 The following are a summary of the changes proposed to BSCP520. 1) Reactive power calculation: Remove the requirements upon the Meter Administrator to calculate reactive power. 2) Changes for LDSO/UMSO role split: Amend to clarify where the UMSO is acting on behalf of the LDSO Amend to add LDSOs as a user of BSCP520 and a split of responsibilities between the LDSO and the UMSO. 3) Reflect the June 2019 updates to the MRA: Update BSCP520 to reflect the changes to the MRA Agreed Procedure for Managing NHH Related Metering Points. 		
History:	presented to SVG for in issued for consultation the 6 December 2019.	LEXON on 31 October 20 formation on 5 Novembr on 11 November 2019 w The CP1522 Assessment uary 2020 for a decision.	er 2019, and was vith responses due by report was presented



CP1523: BSCP501 process	Amendments to clar	ify the D0312	Update
Date Raised:	6 November 2019	Proposer:	Western Power Distribution
Target Implementation Date:	25 June 2020	Current Status:	Assessment Procedure
Latest Update:	CP1523 was issued fo Working Days on the	r consultation on 9 Dec 8 January 2020.	ember 2019 for 20
Next Event:		Responses to the consultation will be collated and presented to the SVG for decision on 4 February 2020.	
Issue:	to align the requirem within the current pro to Suppliers that have experiencing issues w correct errors genera	Following approval of <u>MRA DTC CP3570</u> , BSCP501 requires clarification to align the requirements of MRA Annex C to the BSCP. It is not clear within the current processes that D0312 data flows should not be sent to Suppliers that have been end dated in MDD. SMRAs are now experiencing issues wherein they must perform system call outs to correct errors generated by data flows being invalid due to being sent to Suppliers that are no longer trading.	
Current Solution:	Add a clarification within the relevant section of BSCP501 to clarify that a D0312 should not be sent to a Supplier that has been end dated in MDD at the time of the Meter work.		
History:	CP1523 was raised on 6 November 2019 by Western Power Distribution. The CP1523 Progression Paper was presented to the SVG on 3 December 2019.		

CP1524: Improving	the communication I	methods in the	Update
fault rectification pr	ocess		
Date Raised:	13 December 2019	Proposer:	ELEXON
Target	29 June 2021	Current Status:	Assessment
Implementation			Procedure
Date:			
Latest Update:	The CP1524 Progression	n Paper was presented to	o the PAB on 19
	December 2019 and to	the SVG and ISG on 7 Jar	nuary 2020.
Next Event:	CP1524 will be issued for consultation on the 13 January 2020 with		
	responses due on the 7 February 2020.		
Issue:	The Balancing and Settlement Code Audit results from 2010/11 and		
	2011/12 highlighted that Meter Operator Agents (MOAs) were not		
	responding to fault investigation requests (D0001 'Request Metering		
	System Investigation' data flow) in required timescales. Other issues		
	highlighted included the usefulness of the D0001 data flow and the		
	responses under D0002 'Fault Resolution Report or Request for		
	Decision on Further Action' data flow and D0005 'Instruction on		
	Action' data flow. It was noted that the responses were being used		
	inappropriately and as a means to meet the BSC timescales, but in		
	situations where the fault may not have been resolved. It was		
	reported that the response is regularly sent to delay resolution of		
	the fault and avoid no	n-compliance to BSC tim	escales.



Current Solution:	The proposed solution is to create a bespoke suite of flows to be used by parties involved in the fault resolution process of Half Hourly Metering Systems, replacing the D0001, D0002 and D0005. The communication process prescribed in BSCP514 'SVA Meter Operations for Metering Systems registered in SMRS' will be updated to remove any ambiguity and clarify how and when the new suite of flows should be used to provide progress updates on outstanding faults to ensure that all parties involved are informed and engaged in the process. The changes will be mirrored in BSCP502 'Half Hourly Data Collection for SVA Metering Systems registered in SMRS'. To ensure that useful updates are provided, the rigid timescales will be replaced with more flexibility that the MOA can tailor to each fault. With each update, the MOA will provide details of when it expects to undertake further action or be able to provide a subsequent update (the Expected Action Date). This will form a cyclical process until the fault is rectified. To ensure that faults are not left open indefinitely and updates are provided at reasonable intervals, the Supplier will be able to challenge an 'Expected Action Date' if it disagrees with the MOA's Proposal.
History:	CP1524 was raised on 13 December 2019 by ELEXON.
	· ·

CP1525: Improving	the involvement of t	he LDSO in the fault	Update
resolution process			
Date Raised:	13 December 2019	Proposer:	ELEXON
Target	29 June 2021	Current Status:	Assessment
Implementation			Procedure
Date:			
Latest Update:	The CP1525 Progression	n Paper was presented to	o the PAB on 19
	December 2019 and to	the SVG and ISG on 7 Jar	nuary 2020.
Next Event:	CP1525 will be issued for consultation on the 13 January 2020 with		
	responses due on the 7 February 2020.		
Issue:	The fault rectification process is unclear on responsibilities for resolving faults on Metering Equipment owned by LDSOs. This is preventing Half Hourly Metering faults being resolved in a timely fashion which poses a risk to Settlement.		
Current Solution:	CP1525 seeks to define a new process that would place obligations on Licensed Distribution System Operators (LDSOs) to rectify Half Hourly Meter faults where the fault is with Metering Equipment owned by the LDSO. It also describes the communication process that should be used to ensure that relevant parties are informed of the action taken. This will address inconsistencies with LDSO involvement in fault resolution, specifically ambiguity around timescales and the process for escalating faults to LDSOs for investigation.		
History:		.3 December 2019 by EL	EXON.



CP1526: Introducti	on of Service Level Ag	reements for	Update
rectifying Meter fa	ults		
Date Raised:	13 December 2019	Proposer:	ELEXON
Target	29 June 2021	Current Status:	Assessment
Implementation			Procedure
Date:			
Latest Update:	The CP1526 Progressio	n Paper was presented to	o the PAB on 19
	December 2019 and to the SVG and ISG on 7 January 2020.		
Next Event:	CP1526 will be issued for consultation on the 13 January 2020 with		
	responses due on the 7 February 2020.		
Issue:	The service levels provided in the fault rectification process are rigid		
	and unrealistic. This ca	an lead to parties sendin	g data flows to close a
	fault without it being	resolved in order to mee	t BSC timescales. This
	is making the fault rectification process inefficient.		
Current Solution:	CP1526 seeks to introduce formal Service Level Agreements that		
	should be adhered to by Meter Operator Agents (MOAs) and Licensed		
	Distribution System Operators (LDSOs) when rectifying Half Hourly		
	Meter faults to ensure continued overall accountability of rectifying		
	faults on Metering Equipment.		
History:	CP1525 was raised on 1	L3 December 2019 by EL	EXON.



Issue Updates

Issue 69: Perform	Performance Assurance Framework Review		Update	
Date Raised:	30 March 2017	30 March 2017Proposer:		
Latest Update:		to review the Peer Comp 2019. The PAF review tea PAB in January 2020.	•	
Next Event:	Charges on the 28 Jan	We propose holding a further Issue 69 Working Group on Supplier Charges on the 28 January 2020 with a view to further refining the ideas towards a set of recommendations for the PAB.		
Issue:	ELEXON and the Performance Assurance Board (PAB) are aware of opportunities to further enhance the application of the risk-based Performance Assurance Framework (PAF) envisaged in P207 'Introduction of a new governance regime to allow a risk based Performance Assurance Framework (PAF)' to utilise and reinforce its effectiveness to address the challenges of a changing industry. This Issue Group will explore the issues and identify possible solutions for each work stream: Smart Metering, PAF procedures, data provision and Performance Assurance Techniques.			
History:	The first work stream was Smart Metering, with two meetings he 25 April 2017 and 24 May 2017 respectively. The interim Issue Re for Smart Metering was presented to the PAB in June 2017, and t at the BSC Panel in July 2017. ELEXON took a paper to the Novem 2017 PAB meeting that provided recommendations on mitigating key smart risk areas identified. A high-risk area was identified in relation to the Supplier-Agent interface and as a result CP1500 'A the BSCP537 Appendices to add a requirement for Suppliers and to demonstrate the ability to send and receive Smart Meter Configuration details' was raised, seeking to include the D0367 da flow in the Qualification process. The second work stream is on PAF procedures. This work stream		e interim Issue Report a June 2017, and tabled per to the November ions on mitigating the was identified in a result CP1500 'Amend for Suppliers and MOAs Smart Meter lude the D0367 data	
	focus on a new design Evaluation Methodolo Operating Plan (ROP) a The first Workgroup o In the meeting, ELEXO review and comment. to align with work we	for the PAF, covering what gy (REM), Risk Evaluation	at is currently the Risk Register (RER), Risk d on 17 January 2018. design to the group for held on 10 April 2018 ance Assurance	



Modification Proposal ('Amendments to Section Z to better facilitate the production of the Risk Evaluation Methodology, Risk Evaluation Register and Risk Operating Plan') and associated draft redlined Legal text to the Workgroup in order to gain their endorsement toward its principles.

The third meeting for this work stream was held on 12 June 2018 where the Workgroup discussed a newly drafted version of the RER. At this meeting, as the Workgroup consisted of SVA experts only, they could not provide feedback on the CVA risks listed within the RER. Therefore, a dedicated session for CVA experts to provide feedback on the RER was held on 25 July 2018. The fourth and final meeting for the PAF Procedures Work Stream will be held on 15 August 2018. At this meeting the ELEXON will present the final design of the PAF along with its component parts.

Modification P368 'Amendments to Section Z to better facilitate the production of the Risk Evaluation Methodology, Risk Evaluation Register and Risk Operating Plan' was approved by the BSC Panel at its meeting on 12 July 2018 and will be implemented in the November 2018 BSC Release. This Modification arose from work completed by the Issue 69 group relating to PAF procedures.

The last Issue Group for the PAF Procedures work stream was held on 15 August 2018, with subsequent teleconference meetings held on 30 and 31 August 2018. During these sessions, ELEXON presented the final design of the PAF along with its component parts, on which the Issue Group members provided guidance and comment.

The third work stream, the Review of the PATs, aimed to catalogue the current performance assurance techniques (PATs), identify limitations or areas for improvement (based on stakeholder feedback and further discussion with technique owners), and integrate those improvements into a set of new PATs.

The first working group for this work stream took place on 30 November 2018. The working group discussed the key ideas for change to the audit techniques, and identified some additional potential improvements

The final work stream aims to identify and test alternative methods of data provision that will place less burden on participants to provide data, and will help support more accurate risk appraisal.



The first working group for this work stream took place on 3 October 2018, with subsequent working groups scheduled for roughly every quarter.

ELEXON presented the latest version of the Risk Register to the Performance Assurance Board (PAB) at its meeting on 29 November 2018, requesting that the document be approved for public consultation. The PAB commented positively on the revisions made to the Register, including the introduction of a materiality (£) figure associated with each risk to measure its impact, and noted that the reduction in the number of distinct risks, whilst maintaining total coverage of all potential risk events, made the Register more accessible and easier to navigate. The first Issue 69 working group for the Performance Assurance Techniques work stream was held on 30 November 2018.Summary notes from the Workgroups were sent to members. Following the consultation period ending 21 December 2018, the PAB approved the new Risk Register on 31 January 2019.

The Performance Assurance Board (PAB) suggested engagement with the Issue 69 workgroup (in particular Suppliers) on Supplier Charges review.

The dates for workstreams on Supplier Charges review and BSC Audits as part of Issue 69 have been confirmed. Engagement with Issue 69 stakeholders for both the Performance Assurance Techniques Review and Data Provision workstreams is expected in spring 2019.

The workstreams for the Supplier Charges review and the BSC Audit was held on Tuesday 14 May and Wednesday 15 May 2019 respectively.

Issue 69 will now be focussing on Qualification and Re-Qualification well as Supplier Charges.

The Issue 69 Qualification and Re-Qualification Workshop was held on Tuesday 2 July 2019. Following this Workshop a paper was presented to PAB providing an update on the review of the Qualification and re-Qualification Performance Assurance Technique. The PAB noted the updates and agreed to a sub-group to discuss options to include in the final Qualification and Re-Qualification PAF Review recommendations report. Following the meeting of the sub group the PAF team presented their recommendation at September PAB meeting on 26 September 2019.



		The main review of the Supplier Charges technique has commenced. At the Issue 69 Working Group meeting on 19 September 2019 we reviewed our initial ideas for change. The Issue 69 Working Group met on 19 September 2019 to review our initial ideas for change. The recommendation of the Qualification workshop was presented to PAB (224/06) at its meeting on the 26 September 2019. PAB approved the recommendation to raise a number of Modifications and Change Proposals with a view to implement them in approximately 18 months.
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Issue 81: Determi	ning the benefits of R	un-up/Run-down	Update	
rates and Last Tim	ne to Cancel Synchroni	isation (LTCS)		
publication on BN	/IRS			
Date Raised:	12 June 2019	Proposer:	National Grid ESO	
Latest Update:	On the request of the	workgroup, NGESO a	and ELEXON are conducting	
	further analysis, to he	စ support the Work	group's determination of	
	whether there are any	further consumer o	r market benefits to	
	progressing elements	of the solution previ	ously developed under	
	P297.			
Next Event:	The second Issue 81 m	The second Issue 81 meeting will be held on Tuesday 14 January 2020.		
Issue:	In the National Grid Electricity System Operator (NGESO) Cost Benefit			
	Analysis on P297. NGESO received feedback that there may be an opportunity to identify consumer benefits, by exploring how the data items originally in P297 might be assessed to support the developme			
	of Run-up/Run-down rates and Last Time to Cancel Synchronisation			
	(LTCS) publication on BMRS, and how these can fit in with the BSC a			
	Grid Code.			
History:	Issue 81 was raised by National Grid ESO on 12 June 2019. The first Issue 81 was held on Monday 4 November 2019. The Workgroup noted that although the benefits of the changes proposed under Issue 81 are still unclear, in principle these changes could reduce imbalances and increase transparency. However, the Workgroup noted these changes should be prioritised in relation to other industry change projects, and the progression of these changes should not deter from, or reduce the benefits being delivered by other industry change initiatives			



	g that the Buy Pric cing costs incurred	ce Adjustment reflects a	No Update
Date Raised:	1 July 2019	Proposer:	Sebmcorp UK
Latest Update:	The second meet the Issue Group	ting for Issue 83 was held of further considered what con could continue to be reflected	n 11 October 2019 where mponents make up the
Next Event:	NGESO agreed to look into some analysis into how the inclusion and distribution of costs incurred by NGESO would affect the value of the BPA, and consequently the Imbalance Price.		
Issue:	 The Issue will consider the principles set out in Article 52(2) of the Commission Regulation (EU) 2017/2195 of 23 November 2017, establishing a guideline on electricity balancing to assess how the components of the Buy Price Price Adjustment can continue to be used in the Imbalance Price calculation. This will aim to ensure that it continues to be reflective of the actions taken by National Grid Electricity System Operator. In addition to this, Issue 83 will consider what components are included in the Buy Price Price Adjustment, including reserve actions, to ensure that it continues to be properly reflective. 		
History:	The first Workgro components that	ed by Sebmcorp UK on 1 Ju oup was held on 7 August 2 t are incorporated in the Bu ould continue to be reflecte	019, where it discussed the y Price Price Adjustment

Issue 85: Removal	of obligation to visit d	e-energised sites	Update
once every 12 mor	ths from BSCP504		
Date Raised:	27 August 2019	Proposer:	ТМА
Latest Update:	The second Issue 85 meeting was held on 10 December 2019. The Issue group decided they would like to place the obligation to visit de- energised sites once a year onto the Supplier. The Workgroup would also like to align the Non-Half Hourly obligation with the Half Hourly obligation.		
Next Event:	ELEXON is preparing the Issue 85 Final Issue Report for the February 2020 BSC Panel, as well as preparing the subsequent Change Proposal redlining to be shared with the Issue 85 Workgroup.		
Issue:	There is an obligation on the NHHDC to visit de-energised sites annually (footnote 99 from BSCP404). Originally, the obligation only applied to sites where no remote communication was available. That was removed by CP1019 in 2005. The Obligation for regular site visits was removed from the Supplier Licence obligations in 2016 by the Authority as other obligations, such as LC 21b.4 would prompt the		



	Supplier to use a risk based approach to ensure that sites are visited regularly enough to avoid health and safety issues. This leaves the NHHDC agents exposed; unless they are instructed by the Supplier to visit de-energised annually, they are in breach of BSCP504.
History:	Issue 85 was raised by TMA on 27 August 2019. The first Issue 85 Workgroup was held on Wednesday 30 October 2019. The Issue group have decided to look further into Option A- Removing the obligation on NHHDCs to visit de-energised sites, and Option C- Placing the obligation to visit de-energised sites onto the Supplier.

Issue 86: Review of	processes potentially	y impacted by	Update				
Ofgem's Faster Swit	tching Programme.						
Date Raised:	9 October 2019	Proposer:	ELEXON				
Latest Update:	The proposed redlining	that will be submitted to	o Ofgem has been				
	almost fully agreed by t	he Issue Group. There ar	e still some				
	outstanding things to resolve in terms of when and which data flows						
	are sent and we still need to look into some of the consequential						
		ick wins, such as amendi					
	timetables and updating CSDs to reflect expected changes to other						
	Codes.						
Next Event:	A third Issue Group will be held late January/early February 2020 to						
	complete review of switching time lines as well as looking at elective HH Settlement and whether there are any 'quick-win' changes that can						
			k-win changes that can				
lssue:	be made before 1 April	(REC) and Central Switch	hing Convice (CSS) are				
issue:		em's Faster Switching Pr					
		L April 2021. ELEXON is re	-				
		relating to Change of Sup	•				
		impacted. These process					
	Data Collectors	• •					
	Data Aggregate	· · ·					
		r Agents (MOAs)					
	Suppliers	0 ()					
History:		as held on 29 October 20	19. The Issue Group				
-	discussed changes requ	ired to the switching pro	cess in BSCP501 and				
	BSCP537 Appendix one	to align with the Retail E	nergy Code (REC) and				
	Central Switching Servio	ce (CSS) planned go-live o	date of 1 April 2021.				
		d to discuss whether the					
	will be compatible with Faster Switching. The second Issue group was						
	held on 13 December 2019. Most things were agreed but, due to						
	spending more time than anticipated on some areas, a third Issue						
	group meeting is requir	ea.					

Progression of Modifications – up until implementation

Key	Initial Written	Assessment Procedure:	Report Phase:	<u>WA:</u> With	Al: Awaiting	I: Implementation
	Assessment:	AR: Assessment Report	RC: Report Phase Consultation	Authority	Implementation	
		AR. Assessment Report	RC. Report Phase consultation	Awaiting		
		APC: Assessment Procedure	DMR: Draft Modification Report	Decision		
		Consultation	FMR: Final Modification Report			

Mod	Title	Proposer	Date Raised	Urgent	Jan	Feb	Mar	Apr	May	June
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 16	No	AR	AR	AR	AR	AR	AR

Mod	Title	Proposer	Date Raised	Urgent	Jan	Feb	Mar	Apr	May	June
P371	Inclusion of non-BM Fast Reserve actions into the Imbalance Price calculation	UK Power Reserve	11 Sep 2018	No	AI	AI	Al	AI	Al	AI
P375	Settlement of Secondary BM Units using metering behind the site Boundary Point	Flexitricity	10 Dec 2018	No				AR	DMR	
P376	Utilising a Baselining Methodology to set Physical Notifications for Settlement of Applicable Balancing Services	Enel Trade S.P.A.	11 Dec 2018	No			AR	DMR FMR		
P379	Multiple Suppliers through Meter Splitting	New Anglia Energy	3 January 2019	No	AR	AR	AR	AR	AR	AR

Mod	Title	Proposer	Date Raised	Urgent	Jan	Feb	Mar	Apr	May	June
P383	Enhanced reporting of demand data to the NETSO to facilitate CUSC Modifications CMP280 and CMP281	Engie	6 March 2019	No				I		

Mod	Title	Proposer	Date Raised	Urgent	Jan	Feb	Mar	Apr	Мау	June
P388	Aligning the P344 and P354 Solutions	NETSO	3 July 2019	No				I I		
P390	Allowing extensions to ELEXON's business and activities, subject to additional conditions	E.ON	12 August 2019	No	APC			AR	RC	
P391	Introducing Desktop Audits	BSC Panel	12 Septembe r 2019	No		I				
P392	Amending BSC Change Process for EBGL Article 18	National Grid ESO	2 October 2019	No	APC	AR	DMR FMR	I		
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 November 2019	No					AR	RC

Mod	Title	Proposer	Date Raised	Urgent	Jan	Feb	Mar	Apr	May	June
P397	Assessing the costs and benefits of adjusting Parties' Imbalances following a demand disconnection	BSC Panel	16 December 2019	No	DMR FMR	I				
P398	Improving access to Open Data	BSC Panel	12 December 2019		IWA				AR	DMR FMR
P399	Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data	Sutton Bridge Power Station	24 December 2019	No	IWA		APC		AR RC	DMR FMR



Progress of Change Proposals – up until implementation

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

СР	Title	Proposer	Date Raised	Jan	Feb	Mar	Apr	May	June
CP1519	Treatment of Low Capacity Connections for Site Specific Line Loss Factor Calculations	UK Power Networks	16 July 2019	AI	I				
CP1526	Introduction of Service Level Agreements for rectifying Meter faults	ELEXON	13 December 2019	PP CPC	СРС	AR	AI	AI	AI

ELEXON Report – January 2020 BSC Panel Meeting



СР	Title	Proposer	Date Raised	Jan	Feb	Mar	Apr	May	June
CP1521	BSCP70 Amendments for IA and IEA	ELEXON	27 August 2019	AI	L.				
CP1522	Updates to BSCP520 to align with working practices and UMSUG recommendations	ELEXON	31 October 2019	AR	AI	AI	AI	AI	I
CP1523	BSCP501 Amendments to clarify the D0312 process	WPD	6 November 2019		AR	AI	Al	Al	I
CP1524	Improving the communication methods in the fault rectification process	ELEXON	13 December 2019	PP CPC	СРС	AR	AI	Al	AI
CP1525	Improving the involvement of the LDSO in the fault resolution process	ELEXON	13 December 2019	PP CPC	CPC	AR	AI	AI	Al



BSC Systems Road Map

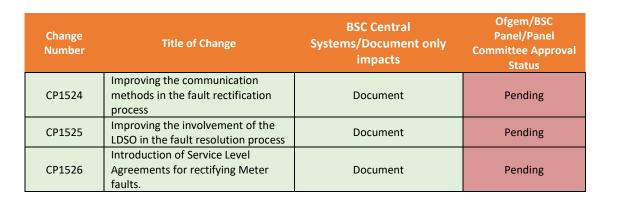
The tables below summarise the scope of each BSC Release. Further information can be found on the <u>Releases</u> page of our website.

	February 2020 BSC Re	elease - 27 February 2020	
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
CP1519	Treatment of Low Capacity Connections for Site Specific Calculations in relation to BSCP128	Document	confirmed
CP1521	BSCP70 Amendments for Interconnectors	Document	confirmed
P385	Reviewing BSC rules in regard to actions being taken by the BSC Panel in Events of Default relating to Payment Default and Credit Default	Document	confirmed
P391	Expansion of the scope of the Technical Assurance of Metering (TAM) technique to include desktop audits	System	confirmed
P393	Disapplication of SP01 Supplier Charges	System	confirmed

	Standalone Release - 1 April 2020							
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status					
P354	Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level	System	Confirmed					
P388	Aligning the P344 & P354 Solutions	System	Confirmed					

June 2020 BSC Release - 27 June 2020				
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status	
CP1522	Updates to BSCP520 to align with working practices and UMSUG recommendations	Document	Confirmed	
P371	Inclusion of non-BM Fast Reserve actions into the Imbalance Price calculation	Document	Confirmed	

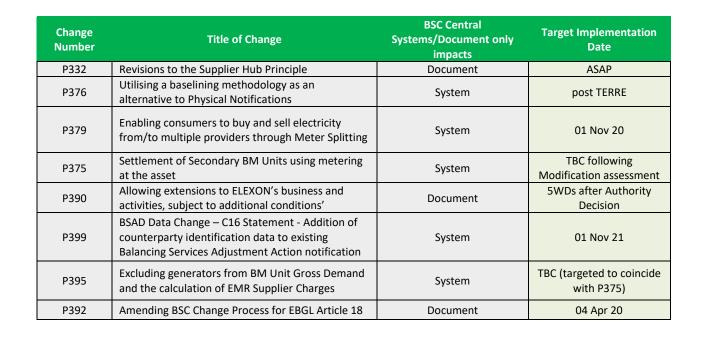
ELEXON Report – January 2020 BSC Panel Meeting



Ad-Hoc Release					
Change Number	Title of Change	BSC Central Systems/Document only impacts	Implementation date		
P382	Amendments to the BSC to reflect the United Kingdom's withdrawal from the European Union without a deal	Document	16 WD from Panel approval - planned for 1 Nov 19		
P397	Assessing the costs and benefits of adjusting Parties' Imbalances following a demand disconnection	Document	1WD after self- governance window: 7 February 2020		
P383	Enhanced reporting of demand data to the NETSO to facilitate CUSC Modifications CMP280 and CMP281	System	01 Apr 21		

TBC Release Date

ELEXON Report – January 2020 BSC Panel Meeting





Modification Trend Chart

