

## Quality Delivery

Actively managing our services to ensure that we deliver in a reliable, economic and efficient way.

## Innovation

Enhancing and evolving our services to support industry changes and development of the energy market.

## Customer Centric

Improving the customer experience and developing richer customer relationships.

## Simplification & Consolidation

Reducing complexity and fragmentation.

## Digital Platform

Creating an agile digital platform to meet the changing energy market.

Please see Appendix A for an explanation of the different phases and reports.

## BSC Change Report

Date of meeting **14 January 2021**  
 Paper Number **310/03**  
 Owner/author **Lawrence Jones**  
 Purpose of paper **For Decision**  
 Classification **Public**  
 Summary

**The Change Report is a monthly summary of all Modifications, Change Proposals and Issues that are currently active. It shows the progress of each change in a visual 'progress bar,' as well as containing text updates on what has changed since last month's Change Report.**

### Summary of Open Changes

#### Total open changes

- Modifications - 18
- Change Proposals - 3
- Issues - 8

#### Initial Written Assessment

- None

#### Assessment Procedure

- **Next Workgroups:**, P413 – Late Jan, P416 –W/C 18 Jan , P376 – late Jan, P332 - Jan TBC, P407 - TBC, P410 - Late Jan, P412 – Jan/Feb TBC, Issue 88 - Feb, P395 – Feb, P415 – Jan, Issue 91 – Jan/Feb TBC
- **Assessment Consultations:** P376 – Jan, P402 - Dec, P413 -14 Dec to 15 Jan.
- **Assessment reports:**
- **CPC batch:** CP1538

#### Report Phase

- **RPC:** P417
- **DMR:** P399, P418

#### Awaiting decision

- **Authority:** P375, P390, P398, P414
- **Self-Governance:** None

#### Awaiting implementation

- **Feb 21:** P408, CP1533, CP1534, CP1536, CP1537
- **Apr 21:** P383, CP1531
- **Feb 22:** CP1532
- **June 22:** CP1527, CP1530

Please note that BSC Changes, as agreed by the BSC Panel, are being prioritised while the industry manages the impact of COVID-19. Details of the impacts of this agreed approach are summarised in section I and detailed in sections II and III. You can also find details on our webpage here: <https://www.elexon.co.uk/about/about-elexon/coronavirus-covid-19-latest-information/covid-19-impact-on-bsc-changes/>

This report was accurate as of 20 November 2020.  
 \* inclusive of both changes progressing through the BSC Change pipeline and changes pending implementation.

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## I. COVID-19: Managing changes to the Balancing and Settlement Code

### End of Change COVID-19 Prioritisation

The Panel agreed, at its meeting on 10 December 2020, to extend the COVID-19 prioritisation approach until 31 March 2021.

The Panel has reviewed this approach at its June, August, October and December 2020 meetings. The Panel agreed at its October 2020 meeting that this approach would end at the end of 2020, subject to feedback and the evolving situation. In response to the change in circumstances since the October 2020 Panel meeting, the Panel extended the prioritisation until March 2021.

In coming to this decision, the Panel took into consideration the new national lockdown, with the majority of GB remaining in tier 2 or higher, the Performance Assurance Board (PAB) extending its COVID-19 derogations as well as the feedback received in the Elexon Customer Survey asking for more prioritisation.

### Changes during COVID-19

Changes to the BSC (and its subsidiary documents) will continue to be progressed, but will be prioritised based on whether the change:

- Is required to mitigate risks and issues caused by COVID-19
- Is required to be implemented by a fixed deadline, and
- Has minimal impact on market participants, unless required for the previous two points.

The Panel recognises and agreed to these steps because the COVID-19 situation is challenging and unprecedented for market participants, and that it has resulted in significant operational challenges and changes to the way that they run their business.

### Modification and Issue Workgroups

Workgroups will continue, unless (or until) Members report that they cannot attend meetings.

Since the Government's lockdown was introduced, Workgroups have continued as planned, with no impacts or issues reported by the Members. Elexon remains able and willing to support the progression of change.

### Change consultations

Some will be issued in line with the three principles above, but most will be staggered to reduce the burden on market participants.

The Panel agreed in principle (and subject to the points above) to delay consultations where the change is likely to have significant impacts on market participants. Details of these impacts can be found in this report below.

## New changes

The Panel agreed that any new changes should be progressed in line with the agreed principles.

The Panel and Elexon will monitor the situation and keep this approach under review. They also welcome any feedback you may have on this approach. Please send any comments or questions to [bsc.change@elexon.co.uk](mailto:bsc.change@elexon.co.uk).

## COVID-19: Modification Prioritisation

Modification	Needed to tackle COVID-19	Needed to meet fixed timeline	Minimal impact on market participants	Result (▲ prioritised, ▼ de-prioritised)
<b>P332: Revision to the Supplier Hub</b>				▼ Stagger
<b>P376: Baseline methodology</b>				▼ Stagger
<b>P379: Multiple Suppliers</b>				▼ Stagger
<b>P395: Final Consumption Levies</b>				▼ Stagger
<b>P399: BSAD transparency</b>			X	▲ Continue
<b>P402: BSC Data for targeted Charging Review</b>		X		▲ Continue
<b>P407: Project MARI</b>		X		▲ Continue
<b>P410: European Imbalance Harmonisation'</b>		X		▲ Continue
<b>P412: Non-BM Balancing Services providers pay for non-delivery imbalances</b>		X		▲ Continue
<b>P413: Elexon to be the Programme Manager for MHHS</b>		X		▲ Continue
<b>P414: Allowing a Party to Withdraw from the BSC and transfer outstanding liabilities to another Party</b>			X	▲ Continue
<b>P415: Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties'</b>		X*		▲ Continue
<b>P416 - Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail Energy Code</b>				▲ Continue
<b>P417 'Move the Letter of Credit templates to the BSC Website'</b>			X	▲ Continue
<b>P418 'Amendments to the P383 legal text for Additional BM Units'</b>			X	▲ Continue

\* Subject to Government translating Clean Energy Package Directive into UK law

## II. Modification Updates – up until decision

<b>P332: Revisions to the Supplier Hub Principle</b>			<b>Update</b>
<b>Date Raised:</b>	28 January 2016	<b>Proposer:</b>	Smartest Energy
<b>Target Implementation Date:</b>	5WDs after Authority decision	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	<p>The Workgroup agreed to proceed to Assessment Consultation following its meeting on 7 December 2020.</p> <p>At its meeting in December 2020, the Panel approved a three month extension to the P332 Assessment Procedure so that further amendments to the side letter requested by the Workgroup can be made and to allow for the Christmas holiday period. The Assessment Report will be presented to the Panel at its meeting in April 2021.</p>		
<b>Next Event:</b>	<p>The Assessment Consultation is currently being drafted and will be sent to Workgroup Members for review before being issued for industry consultation in January 2021.</p>		
<b>Issue:</b>	<p>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 against industry targets and risking non-delivery of specific obligations.</p>		
<b>Current Solution:</b>	<p>P332 proposes to require all existing and new SVA Meter Operator Agents (MOAs) and Data Collectors (DCs) to sign a side letter to maintain Qualification status. The letter will require SVA MOAs and DCs to agree to treat all appointments the same regardless of contract status, such that they meet all relevant BSC requirements.</p>		
<b>History:</b>	<p>P332 was raised by Smartest Energy Limited on 28 January 2016 and seeks to address issues associated with Customers contracting directly with Supplier Agents.</p> <p>The progression of P332 was delayed from September 2017 to consider whether the issues would be addressed in Ofgem's Significant Code Review on Half Hourly Settlement or any other Ofgem initiatives. The Workgroup subsequently reviewed case studies provided by members for instances where Customer Preferred Agents (CPAs) have been the cause of, or a factor in, issues resulting in BSC underperformance. The Workgroup concluded that the issues identified are common to CPA and non-CPA sites, however, the amount of time and effort needed to resolve these issues for CPA sites is often higher than for non-CPA sites. The Proposer confirmed their preferred solution would be a side letter as part of the Qualification process, requiring Agents to treat all appointments the same regardless of contract status, such that they meet all relevant BSC requirements.</p> <p>The Panel approved a three month extension to the Assessment Procedure at its September 2020 meeting, to help stagger the number of consultations in accordance with the COVID-19 prioritisation. Elexon plan to present the Assessment Report by the January 2021 Panel meeting.</p> <p>A Workgroup meeting was held on 22 October 2020 to review the revised legal text and side letter, incorporating changes requested at</p>		

	the previous Workgroup meeting, to better meet the requirements of the solution
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P375: Settlement of Secondary BM Units using metering behind the site Boundary Point			Update
<b>Date Raised:</b>	10 December 2018	<b>Proposer:</b>	Flexitricity
<b>Target Implementation Date:</b>	24 February 2022	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	The Draft Modification Report was presented to the Panel at its meeting on 10 December 2020 and submitted to Ofgem for decision on 16 December 2020.		
<b>Next Event:</b>	P375 is currently being considered for decision by the Authority.		
<b>Issue:</b>	The BSC currently only allows metering at the defined Boundary Point to be used for Settlement purposes. However, with the future ability for consumers to participate in the BM and other alternative balancing products, which will be settled under the BSC framework, there is a need to allow Settlement from metering behind the Boundary Point at the asset which is delivering the Balancing Service. This Issue arose through the development of the Project TERRE arrangements through BSC Modification Proposal P344 'Project TERRE implementation into GB market arrangements', but may become relevant to other Balancing Services in the future. The need to allow Settlement from metering behind the Boundary Point is due to the desire to further reduce any potential (either perceived or due to operational reasons) barriers to entry to participate in balancing products.		
<b>Current Solution:</b>	P375 proposes to settle Secondary Balancing Mechanism (BM) Units (to be introduced by P344 'Project TERRE' (Trans European Replacement Reserves Exchange)) using metering equipment behind 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 allow balancing-related services on site to be separated from imbalance-related activities, more accurately reflecting the balancing-energy volumes provided by the Balancing Service Provider (BSP).		
<b>History:</b>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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..</p>		



The BSC Panel approved a six-month extension to the P375 Assessment Procedure at their meeting on 13 June 2019. It agreed that the P375 Assessment Report would 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.

The sixth Workgroup meeting was held on 6 November 2019. The Workgroup reviewed the solution as an end to-end solution, leading to tweaks being made once the component parts were reviewed in entirety.

Given the complexity of aligning solutions and legal text with P379, the Assessment Phase was extended by three months at the December 2019 Panel meeting. This was extended by a further six months in April 2020 due to the interactions with P392, Covid-19 and delays with legal text. The legal text was finalised and the Assessment phase consultation issued on 24 August 2020.

We received 21 responses to the Assessment phase consultation with all except one expressing clear support. The Workgroup met for the final time on 23 September and were unanimous in their recommendation to approve P375

The Assessment Report was presented to the BSC Panel at its meeting on 8 October 2020 where it was progressed to the Report Phase with a recommendation for approval.

The P375 Report Phase Consultation closed on 16 November with 6 responses in clear support of the Modification.

<b>P376: Utilising a Baseline Methodology to set Physical Notifications for Settlement of Applicable Balancing Services</b>			<b>Update</b>
<b>Date Raised:</b>	11 December 2018	<b>Proposer:</b>	Enel Trade S.P.A.
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The eighth Workgroup was held 30 November 2020 to walk through and comment on the draft legal text		
<b>Next Event:</b>	The Workgroup is reviewing the Assessment Procedure Consultation to be issued to industry in January 2021.		
<b>Issue:</b>	Elxon 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.		

	<p>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'.</p> <p>The P344 solution is intended to facilitate participation in the BM and TERRE by a wider range of industry market participants, including customers and independent aggregators. However, in the P344 solution, the existing BM Settlement arrangements remain unchanged.</p>
<b>Current Solution:</b>	<p>This Modification proposes to allow the Final Physical Notification which feeds into the Settlement of Trading Charges to be created via a Baseline Methodology. This Modification builds on the work of Issue 71.</p>
<b>History:</b>	<p>P376 was raised by Enel Trade S.P.A. on 11 December 2018. The Initial Written Assessment was presented to the Panel on 13 December 2018 and was entered into the Assessment Procedure.</p> <p>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.</p> <p>The second Workgroup for P376 was held in conjunction with P375 on 18 March 2019 to begin the process of designing a solution and exploring assurance methods in order to protect the integrity of the eventual solution.</p> <p>The third Workgroup was held on 3 June 2019, where the Workgroup considered baseline methodologies.</p> <p>The fourth Workgroup was held on the 14 August 2019 to consider and develop the Business Requirements.</p> <p>Elxon issued a Request for Information to support analysis on 23 September 2019 with responses due 11 October 2019.</p> <p>The fifth Workgroup was held 10 December 2019 to review an industry Request for Information and consider updated Business Requirements. Following the fifth Workgroup meeting, Elxon has amended the Business Requirements to account for feedback from Workgroup Members.</p> <p>We issued the P376 Business requirements to our service providers to understand the BSC central system impacts of the proposed solution. This has been returned and we are considering the Assessment in preparation to walk the Workgroup through potential impacts.</p> <p>The sixth Workgroup meeting was held on 14 September to consider the impacts and agree the solution that will be consulted on through the Assessment Procedure Consultation. A short mop up session was held 2 October, but the Workgroup was unable to reach consensus to issue its consultation.</p> <p>The seventh meeting was held 6 November. Following this, the Workgroup requested a session to walk through the draft legal text.</p>



P379: Multiple Suppliers through Meter Splitting			Update
<b>Date Raised:</b>	3 January 2019	<b>Proposer:</b>	GridBeyond
<b>Target Implementation Date:</b>	November 2022 (subject to impact assessment)	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The P379 cost-benefit analysis (CBA) consultation is due to close on 15 January 2021. However, we are seeking to extend this by one week to close on 22 January 2021, following requests from participants and will confirm via email communication.		
<b>Next Event:</b>	We are still working to present the CBA Report to the Panel at its March 2021 meeting. However, as a consequence of extending the CBA consultation, the CBA Report may now be presented at the April Panel instead of the March meeting.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	<p>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.</p> <p>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.</p> <p>The P379 Work Group held 15 meetings following this meeting through 2019 and into 2020.</p> <p>At the March 2020 meeting, following the presentation of an Interim Report, the BSC Panel approved an eight month extension to allow Elexon to conduct a Cost Benefit Analysis (CBA) for P379.</p> <p>The Panel requested that Elexon carry out a Cost Benefit Analysis (CBA) to determine the merits in continuing with Modification P379, at its March 2020 BSC Panel meeting. At its May 2020 meeting, the Panel asked Elexon to consider the possibility of external consultants to carry</p>		

out the Cost Benefit Analysis following a paper on the high-level scope and approach to the CBA.

We are defining tender requirements to inform whether a third party should assist in the production of the CBA, including costs and timescales. We will present our findings at the July 2020 Panel meeting. We issued requests for proposals to five third parties to provide the Cost Benefit Analysis.

Proposals were due to be returned by bidders by 12 August 2020.

As per Elexon's communication concerning the impact of COVID-19 the timeline for P379 has been pushed back at least three months as it has a significant impact on Parties, particularly Suppliers, Data Collectors and parties looking to become secondary Suppliers.

Bidder selection took place after the third party Cost-Benefit Analysis proposals were independently scored.

The P379 Cost-Benefit Analysis (CBA) contract was awarded to CEPA. Five month extension granted by the Panel October 2020.

<b>P390: Allowing extensions to Elexon's business and activities, subject to additional conditions</b>			<b>Update</b>
<b>Date Raised:</b>	12 August 2019	<b>Proposer:</b>	E.ON
<b>Target Implementation Date:</b>	5 Working Days after Authority decision	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	The second Draft Modification Report was presented to the Panel at its December meeting. Elexon have provided (and the BSC Panel have approved) additional rationale and clarification on the effects of the originally submitted P390 Legal Text and proposed amendments to paragraphs 10.2.1 and 4.1.2. to address the Send Back Direction, adding clarity and comfort so that P390 may be resubmitted. P390 was sent for Authority decision on 14 December 2020.		
<b>Next Event:</b>	Ofgem decision on whether to approved P390.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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 within a required timeframe.		
<b>History:</b>	<p>P390 was raised by E.ON on 12 August 2019. The IWA was presented to the Panel on 12 September 2019. 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.</p> <p>The Assessment Report for P390 was presented to the Panel at their April 2020 meeting. The Panel initially believe P390 should be approved. The Report Phase Consultation was issued on 14 April 2020</p>		

and closed on 29 April 2020. All three respondents agreed with the Panel views.

The Draft Modification Report was presented to the Panel at its May 2020 meeting. The Panel unanimously agreed to recommend to Ofgem that P390 be approved. The Final Modification Report was submitted to Ofgem for decision on 21 May 2020. At the August 2020 Panel meeting, Ofgem indicated a Decision on P390 may be forthcoming early September 2020. In mid-August, Ofgem also sought clarification on certain elements of the legal text and how they relate to data provisions already contained in the BSC, which was provided on 10 September. On 25 November 2020, Ofgem sent P390 back as it is unable to form an opinion on whether P390 should be approved based on the submitted FMR and associated documentation. Specifically, Ofgem requires further information on when and how other third parties, in addition to Permitted Affiliates, could secure access to data or information held by Elexon. In the absence of this explanation, Ofgem are unable to form a view on the effect of these changes and the extent that they support the intent of the proposal. Ofgem also asked for explanation and clarification on the amendment made to the competition condition (g) in the legal text compared to the original.

<b>P395: Excluding generators from BM Unit Gross Demand and the calculation of EMR Supplier Charges</b>			<b>Update</b>
<b>Date Raised:</b>	7 November 2019	<b>Proposer:</b>	Centrica
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The second P395 Workgroup was held on 4 December 2020, where the Workgroup considered draft Business Requirements and a potential new merit order approach for the allocation of electricity flows.		
<b>Next Event:</b>	We are ascertaining the best time to hold the next P395 meeting in which further consideration of a merit order model will take place, this is expected to occur in mid-to-late Feb 2021.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	P395 proposes to amend BSC systems and processes so that the SAA-1042 '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). P395 will build on top of capabilities being introduced by P344, P375 and P383.		
<b>History:</b>	P395 was raised by Centrica on 7 November 2019. The Panel considered the IWA on 14 November 2019 and agreed to advance the Modification to the Assessment Procedure. There was a delay in		

holding the first P395 Workgroup meeting caused by the urgent request to progress P397. The first meeting of the P395 Workgroup was held on 19 February 2020, with the Workgroup and Proposer agreeing with Elexon's interpretation of ToR A) 'Which imports should be chargeable?' The Workgroup noted that answering the P395 problem satisfactorily will involve consideration of scalability, practicality and cost to ensure that the solution is truly enduring, consistent with regulations and scalable to domestic level. The Panel approved a six month extension to the Assessment Procedure to P395 to allow for further solution development, returning with the Assessment Report at the October 2020 meeting. Given the complexity of the Modification and dependencies on P375 and P379, which are still in assessment, we believe that five more industry Workgroups are necessary, including industry and service provider consultations, to adequately develop the solution and assess its impacts on BSCCo and the wider industry. At its September 2020 meeting, the Panel agreed an eight month extension to the P395 Assessment Procedure. Elexon will return with the P395 Assessment Report at the June 2021 Panel meeting.

P398: Increasing access to BSC Data			Update
<b>Date Raised:</b>	12 December 2019	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	Feb 21 or Jun 21 Release	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	The P398 Assessment Report was presented to the Panel at its meeting on 8 October where it was progressed unanimously to the Report Phase with a recommendation to approve. Two respondents responded to the Report Phase Consultation in support of P398. The Draft Recommendation Report was presented to the Panel at its December meeting and they agreed to recommend implementation to the Authority. P398 was sent to Authority for decision on 17 December 2020.		
<b>Next Event:</b>	Pending Authority decision on the Final Modification Report.		
<b>Issue:</b>	<p>In June 2019 the Energy Data Task Force (EDTF) published its report 'A 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.</p> <p>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.</p>		
<b>Current Solution:</b>	<p>P398 proposes amending the BSC so that all data is assumed open unless there is a reason otherwise. The BSC will be amended to require the Panel to establish the BCB and for the BCB to have responsibility for publishing data. The detailed responsibilities will be captured in a new Cat3 document.</p> <p>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</p>		

	accessing BSC data even easier than having to make a formal request for release/publication.
<b>History:</b>	<p>P398 was raised by the BSC Panel at its meeting on 12 December 2019. The first Workgroup meeting was held in January 2020. We have been liaising with Ofgem since P398 was raised.</p> <p>The Panel approved a two month extension at its April 2020 meeting. The Assessment Report has been presented at the July 2020 Panel meeting. This was granted to allow time to finalise legal text drafting and follow-up work from the previous Workgroups that is taking longer than expected. A further extension to October 2020 was granted to recognise the delay, and consequential impact caused by the cyber-attack and re-prioritisations. The Assessment Phase consultation was issued on 24 August 2020 with responses due by the 14 September 2020. We received 8 responses with clear support, barring a few issues with the legal text to be reviewed. The Workgroup met for the final time on 25 September to agree their recommendations.</p> <p>The Report Phase Consultation was closed on the 16 November.</p>

<b>P399: Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data</b>			<b>Update</b>
<b>Date Raised:</b>	24 December 2019	<b>Proposer:</b>	Sutton Bridge Power Generation
<b>Target Implementation Date:</b>	November 2021	<b>Current Status:</b>	Report Phase
<b>Latest Update:</b>	National Grid ESO's consultation response was considered by the Workgroup at its meeting on 30 November 2020. It was re-issued for a 10WD Report Phase Consultation that closed on 22 December.		
<b>Next Event:</b>	The P399 Draft Modification Report will be presented to the BSC Panel at its meeting on 14 January 2021 before being submitted to Ofgem for decision.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	P399 seeks to create a level-playing field for information relating to BM and non-BM trades. It seeks to include four new data fields to the BSAD file to subsequently be published on the BMRS: BSAD Party ID; BSAD Asset ID; Service Type; and Tendered Status.		
<b>History:</b>	<p>P399 was raised by Sutton Bridge Power Station on behalf of Calon Energy on 24 December 2019 and the IWA was presented to the BSC Panel on 16 January 2020, where it was approved for progression to the Assessment Phase.</p> <p>The first Workgroup meeting was held on 27 January 2020 where the Workgroup agreed two possible solutions. The two potential solutions were impact assessed by Elexon and National Grid ESO, which were subsequently returned prior to the second Workgroup meeting, held on 27 March 2020.</p>		



The outcomes of the Impact Assessments were presented to the Workgroup at its meeting on 27 March 2020. National Grid ESO noted that in its current state, P399 would cost ~£2 million to implement and so proposed an alternative route forward that could significantly reduce costs and lead times. The Workgroup agreed that this would be the best way forward and NGESO committed to completing the relevant Impact Assessments and to provide a timeline as to how quickly this would be completed.

The Panel granted a two month extension to P399 at its meeting in April 2020 to allow time for NGESO to conduct this impact assessment and the outcomes of it were presented to the WG at its third meeting on 17 July 2020.

The WG agreed a solution and the P399 Assessment Procedure Consultation was issued for 15 WD on 17 August 2020 with responses due by 8 September. The fourth P399 WG meeting was held on 18 September where the responses to the consultation were considered and the solution finalised. The Workgroup recommended that P399 is approved.

The P399 Assessment Report was presented to the Panel at its meeting on 8 October where it was progressed to the Report Phase with a recommendation to approve.

The P399 Report Phase Consultation closed on 16 November. National Grid ESO's consultation responses indicated that the inclusion of one of the data would add an additional £350-500k to its central implementation costs and that it could no longer meet the June 2021 BSC Release. Therefore the Modification went back to the Workgroup for further discussion on 30 November 2020 as per the EBGL requirements introduced to the BSC in June as part of P392 and is now targeting the November 2021 BSC Release.

<b>P402: Enabling reform of residual network charging as directed by the Targeted Charging Review</b>			<b>Update</b>
<b>Date Raised:</b>	5 March 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	February 2022 BSC Release	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	At the 7 <sup>th</sup> P402 Workgroup meeting on 17 December 2020, the Workgroup considered responses to the 2 <sup>nd</sup> Assessment Consultation and finalised the Business Requirements for both the Proposed and Alternative solutions.		
<b>Next Event:</b>	Elexon are finalising Business Requirements and Legal Text so that the Assessment Report can be presented to the February 2021 Panel meeting.		
<b>Issue:</b>	Following the conclusion of its Targeted Charging Review Significant Code Review, Ofgem directed National Grid and certain LDSOs to make changes to how residual revenues are recovered through Distribution Use of System (DUoS) and Transmission Network Use of System (TNUoS) demand charges. Elexon understands that the LDSOs have or can procure all data necessary to implement the TCR SCR		



	changes in relation to demand residual charging. However, NETSO does not have access to the relevant data.
<b>Current Solution:</b>	The Proposed P402 Solution will introduce new reporting requirements on LDSOs and BSCCo that will ensure the provision of data to enable the NETSO to set TNUoS demand residual tariffs and enable accurate billing of subsequent charges. An Alternative Solution involves LDSOs sending the necessary data directly to National Grid, with high level obligations captured in the BSC.
<b>History:</b>	National Grid ESO raised P402 on 5 March 2020. The BSC Panel considered the IWA at its meeting on 12 March 2020 and approved a 3 month Assessment Procedure, noting the challenging timeline to meet the Ofgem set implementation date of 1 April 2021. The first P402 Workgroup meeting took place on 31 March to review the draft business requirements. Following a revised implementation plan by Ofgem, delivery of TCR changes has been pushed to April 2022 – one year later than previously required. The Panel approved a three month extension to the P402 Assessment Procedure at its May 2020 meeting to allow the Workgroup to consider alternative approaches to solving the P402 issue. The second P402 Workgroup meeting took place on 6 May to consider alternative approaches. The third Workgroup took place on 5 August 2020, where the group discussed how P402 has a soft dependency for the related CUSC modifications – they will rely on a solution that provides NETSO with data for billing and tariff setting being implemented by April 2022 - but agreed that whilst P402 enables the TNUOS TCR arrangements, it doesn't implement any of the core requirements of Ofgem's TCR SCR. The 4 <sup>th</sup> Workgroup for P402 took place on 28 September 2020. The Assessment Consultation for P402 closed on 27 October 2020. At the October Panel meeting, a two month extension was granted to P402 to allow for contingency in the case that material changes to the solution emerged from the Consultation. Shortly prior to the 5 <sup>th</sup> Workgroup, and after the issuing of the P402 Consultation, Elexon learned that an alternative approach to the handling of the TCR Decision had been developed by some LDSOs and referenced in replies to the P402 Consultation - centering around LDSOs issuing data directly to National Grid, rather than centrally via SVAA. The 5 <sup>th</sup> Workgroup meeting took place on Monday 2 November, where the Workgroup voted to raise an Alternative Modification. They acknowledge that the raising of the Alternative at this late stage impacts the delivery of P402 to TCR timescales but felt that the potential benefits of a simplified new approach outweigh this concern. This Alternative required Elexon to develop Business Requirements, Legal Text and capture industry costs for this Alternative before the Assessment Report can be submitted. The group considered Alternative Business Requirements at the 6 <sup>th</sup> Workgroup on 28 November. The 2 <sup>nd</sup> APC closed on 15 December.

<b>P407: Project MARI</b>			<b>Update</b>
<b>Date Raised:</b>	4 May 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	By July 2020	<b>Current Status:</b>	Assessment Procedure

<b>Latest Update:</b>	NGESO has been continuing to work on solutions required for areas where Elexon has dependencies. At its November meeting the BSC Panel requested the Assessment Consultation be held in January 2021 as opposed to beginning in December 2020, as it did not want to consult on such an important change over the Christmas period. It also believes the need for P407 to continue will be better understood by January 2021, as the outcome of the UK/EU trade negotiations will be known.
<b>Next Event:</b>	Clarity over the MARI requirements, following the publication of the UK/EU Free Trade Agreement is being sought.
<b>Issue:</b>	Article 20 of the EBGL (Commission Regulation (EU) 2017/2195) requires Transmission System Operators (TSOs) to establish a platform for the exchange of balancing energy from manually activated frequency restoration reserves (mFRR) by July 2022. To achieve this, the European Network of Transmission System Operators for Electricity (ENTSO-E) launched the Manually Activated Reserves Initiative (MARI) to deliver the European wide mFRR platform. P407 will ensure that the BSC, and associated systems, are amended ahead of go-live.
<b>Current Solution:</b>	P407, along with the NGESO changes, will enable GB participants to participate in MARI.
<b>History:</b>	<p>The first Workgroup took place on 23 June 2020. This Workgroup was intended as a soft introduction to Project MARI. The meeting focused on providing an overview of MARI, the Registration process, Qualification and testing. Workgroup members suggested revisions to the Grid Code terms of reference. Workgroup members also requested clarification around existing Interconnector issues.</p> <p>The Panel determined that P407 should progress to the Assessment Procedure at its meeting on 14 May 2020.</p> <p>National Grid Electricity System Operator raised P407 'Project MARI' on 4 May 2020.</p> <p>The second Workgroup was held 7 July 2020 and covered Bid Submission and Acceptance. The purpose of the meeting was to consider outcomes of actions from Workgroup meeting 1 and to assess the submission and acceptance options for P407/GC0145 and agree the way forward. A number of questions were asked about the detail of NGESO's solution which were taken away with a view to bring answers to the next Workgroup.</p> <p>The third Workgroup planned for 21 July was postponed in order to ensure answers could be provided for all the questioned raised at the previous Workgroup. Instead the workgroup took place on 20 August 2020. The fourth workgroup took place soon after on the 26 August 2020. Both Workgroups discussed Dispatch and Settlement processes.</p> <p>The fifth Workgroup meeting was held on 15 September 2020 to further discuss the Dispatch and Settlement processes alongside the BSC solution. There are a number of dependencies on NGESO which don't allow Elexon to complete the BSC solution. Consultation was due to start in October 2020 though Elexon will not have the desired detail and legal text to meet this milestone.</p> <p>In order to address the outstanding dependencies NGESO and Elexon have agreed to pause Workgroup meetings and discuss solutions internally. Current plan is to resume Workgroups once strawman solutions are ready to present to Workgroup members. Replanning of</p>

the progression timeline will take place once timescales are understood.

The sixth P407 Workgroup meeting was held on 3 November 2020 and further discussed the BSC and NGESO solutions.

<b>P410: Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations</b>			<b>Update</b>
<b>Date Raised:</b>	3 July 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	4 November 2021	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The third Workgroup meeting was held 17 December 2020. The Workgroup considered Elexon's analysis, but was unable to agree a suitable solution and requested additional analysis.		
<b>Next Event:</b>	Elexon will conduct additional analysis at the Workgroup's request which the Workgroup will consider at its next meeting in January 2021.		
<b>Extension Request</b>	The Workgroup are requesting a three month extension to the Assessment Procedure to allow further consideration of viable options. The Workgroup are trying to find a solution that meets the EBGL requirements without being detrimental to the cash out arrangements. Currently, all solutions identified are compliant but detrimental, in the view of the Workgroup.		
<b>Issue:</b>	P410 will introduce changes to the imbalance price calculations to ensure BSC compliance with the European Imbalance Settlement Harmonisation regulations.		
<b>Current Solution:</b>	P410 will replace the Market Index Price in the Imbalance Calculation with a new Value of Avoided Activation of balancing energy as required by the European Regulations.		
<b>History:</b>	<p>NGESO raised P410 on 3 July 2020.</p> <p>The Panel considered the IWA at its meeting on 9 July and agreed to progress P410 to the Assessment Procedure.</p> <p>The first Workgroup was held on 6 August where the Workgroup agreed principles for calculating a Value of Avoided Activation</p> <p>The Workgroup considered the updated proposals at its meeting on 9 October 2020, where it expressed concerns that any VOAA that is compliant with the ISHP would be detrimental to BSC Objectives.</p>		

<b>P412: Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy</b>			<b>Update</b>
<b>Date Raised:</b>	3 September 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The second Workgroup meeting was held on 27 November 2020 to consider five possible solutions and discuss the pros and cons of each option.		

<b>Next Event:</b>	The third Workgroup meeting is due to be held in January/February 2021 TBC.
<b>Issue:</b>	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.
<b>Current Solution:</b>	P412 will introduce adjustments to Supplier's imbalance positions by non-BM Balancing Service Providers' instructed volumes, rather than delivered volumes as currently occurs under the P354 'Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level' solution.
<b>History:</b>	<p>NGESO raised P412 on 3 September 2020.</p> <p>The Panel considered the Initial Written Assessment at its meeting on 10 September 2020 and agreed to progress P412 to the Assessment Procedure.</p> <p>The first Workgroup meeting was held on 29 October 2020 to discuss the issue, the proposed solution, next steps and the proposed timetable</p>

<b>P413: Enable Elexon to be the Programme Manager for the implementation of Market-wide Half Hourly Settlement</b>			<b>Update</b>
<b>Date Raised:</b>	7 September 2020	<b>Proposer:</b>	Scottish Power
<b>Target Implementation Date:</b>	5 Working Days following Ofgem approval	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	A third Workgroup meeting was held on 20 November where the focus was to review key documentation prior to issuing the Assessment Consultation which began on 14 Dec 2020 and will close on 15 Jan 2021.		
<b>Next Event:</b>	The Assessment Phase Consultation is currently underway and will close on 15 January 2021. A further Workgroup Meeting is scheduled for 25/01/2020 to discuss the feedback from the consultation.		
<b>Extension Request</b>	We are on track to deliver the P413 Assessment Report to the February Panel meeting but should anything unexpectedly slip and in light of reduced resource availability during the current national lockdown, we think it wise to request a one month extension to provide contingency that would see Elexon presenting the Assessment Report at the March 2021 Panel meeting, if this contingency is needed.		
<b>Issue:</b>	If the BSC is not amended to enable Elexon to perform the implementation Programme Manager function for Market-wide Half Hourly Settlement (MHHS), there is a risk that this results in longer implementation timescales, higher costs for the industry and a longer period to see the benefits outlined in Ofgem's Draft Impact Assessment Consultation.		
<b>Current Solution:</b>	Enable Elexon, as the BSC Company (BSCCo), to provide the Programme Management (PM) function for the implementation of MHHS.		
<b>History:</b>	<p>P413 was raised by Scottish Power on 7 September 2020</p> <p>P413 was approved to progress to the Assessment Procedure phase by the BSC Panel on 10 September 2020. The initial Workgroup was held on 22 September 2020 which focused primarily on the context and</p>		

background for the change as well as gathering initial views on the Workgroup Terms of Reference. A second Workgroup was held where members agreed the initial business requirements and decided that the modification should be enable Elexon to be the programme manager rather than require Elexon to be the programme manager.

An ad-hoc Workgroup meeting was held on 3 November to discuss alternative possible funding mechanisms. The Workgroup approved two alternative sets of funding mechanism Business Requirements to be impact assessed.

<b>P414: Allowing a Party to Withdraw from the BSC and transfer outstanding liabilities to another Party</b>		<b>Update</b>	
<b>Date Raised:</b>	29 September 2020	<b>Proposer:</b>	RWE Supply & Trading GmbH
<b>Target Implementation Date:</b>	February 2021	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	We presented the Draft Modification Report to the Panel at its meeting on 10 December 2020. The Panel recommended to the Authority that P414 be approved. P414 was sent to the Authority on 16 December 2020.		
<b>Next Event:</b>	P414 is with the Authority for a decision.		
<b>Issue:</b>	The requirement for a Party to wait at least 14 months between its last day of trading and being able to withdraw from the Code is inefficient as it can prevent the withdrawing party undertaking administrative tasks, such as dissolving the associated legal entity.		
<b>Current Solution:</b>	This Modification seeks to improve the BSC exit arrangements. It will allow a BSC Party to withdraw from the Code as soon as practicable after serving a notice of withdrawal provided that all liabilities under the Code are satisfied or transferred to another BSC Party through a transfer of its BSC party ID to that legal entity.		
<b>History:</b>	RWE Supply & Trading GmbH raised P414 on 29 September 2020. The Panel considered the Initial Written Assessment at its meeting on 8 October 2020 and agreed to progress P414 to the Report Phase with an initial recommendation to approve. We issued P414 for a one month consultation on 15 October 2020. The Report Phase consultation closed 16 November 2020. We received three consultation responses. Responses were supportive of P414 and agreed with the Panel's initial views.		

<b>P415: Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties</b>		<b>Update</b>	
<b>Date Raised:</b>	30 September 2020	<b>Proposer:</b>	Enel X UK Ltd
<b>Target Implementation Date:</b>	TBC	<b>Current Status:</b>	Assessment Phase
<b>Latest Update:</b>	The first P415 Workgroup was held on 11 December 2020 where the Workgroup considered the background and a simple worked example for P415, identifying areas to revisit in future meetings.		

<b>Next Event:</b>	We are ascertaining the best time for the second P415 Workgroup, expected to occur in late-January 2021, to go into a further level of detail on more complex examples.
<b>Issue:</b>	Customers (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 is because the BSC assigns all flexibility delivered by a customer to their Supplier, with the exception of flexibility instructed by National Grid in the Balancing Mechanism or Replacement Reserve market (TERRE), which can be assigned to a third party (referred to in the BSC as a "Virtual Lead Party"). As a result, customers can only access power exchanges (and other markets that require notification of contracts under the BSC) through their Supplier. 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.
<b>Current Solution:</b>	This Modification seeks to allow Virtual Lead Parties to obtain value from flexibility within the Wholesale Energy Market.
<b>History:</b>	Enel X UK Ltd raised P415 on 30 September 2020. The Panel considered the Initial Written Assessment for P415 on 8 October 2020, where it agreed to progress P415 to the Assessment Phase.

<b>P416: - Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail Energy Code</b>			<b>Update</b>
<b>Date Raised:</b>	5 November 2020	<b>Proposer:</b>	British Gas Ltd
<b>Target Implementation Date:</b>	June 2021	<b>Current Status:</b>	Assessment Phase
<b>Latest Update:</b>	The first Workgroup meeting was held on 14 December 2020 where the Terms of Reference and background to the Modification were considered.		
<b>Next Event:</b>	The next Workgroup meeting is scheduled for week commencing 18 January 2021.		
<b>Issue:</b>	<p>There is currently no direct route of appeal for any BSC Parties not in agreement with any items in the Annual Budget, and who feel their comments have not been addressed during the drafting phase of the Business Strategy/Annual Budget. A party who is sufficiently aggrieved could lobby other BSC Parties to for the non-approval of the appointment/re-appointment of Board members at the Annual BSC Meeting, which would be both disproportionate and inefficient in most cases.</p> <p>There is also a lack of consistency across codes on the appeal route for code-related budgets. In particular, the current version of the proposed legal text for V1.1 of the Retail Energy Code (REC) specifies a route to appeal the REC Budget to Ofgem.</p>		
<b>Current Solution:</b>	<p>Allow an appeal to the Authority in the case that a BSC Party reasonably believes that an item in the Annual Budget:</p> <ul style="list-style-type: none"> <li>• was not consulted upon as part of the draft Annual Budget process, or the Board failed to have reasonable regard to the comments submitted;</li> <li>• is not a legitimate item of expenditure for the Board;</li> </ul>		



	<ul style="list-style-type: none"> <li>• is a manifestly inappropriate provision for the activity in question, and there are insufficient safeguards in place to ensure that the actual costs incurred will be efficient; or</li> <li>• will, or is likely to, prejudice the interests of one or more Parties, or cause them to be in breach of this Code, the Energy Licences and/or Law.</li> </ul>
<b>History:</b>	<p>P416 was raised by British Gas Ltd on 5 November 2020</p> <p>The BSC Panel considered the Proposed Modification at its meeting on 12 November 2020 and agreed to Progress the Modification to the Assessment Procedure Phase.</p>

<b>P417: Move the Letter of Credit templates and Approved Insurance Product requirements to the BSC Website for more efficient maintenance and simplification'</b>			<b>Update</b>
<b>Date Raised:</b>	5 November 2020	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	April 2021	<b>Current Status:</b>	Report Phase
<b>Latest Update:</b>	Report Phase Consultation currently in progress and closes 21 Jan 2021.		
<b>Next Event:</b>	Panel to consider Draft Modification Report at February 2021 Panel meeting.		
<b>Issue:</b>	<p>This Modification seeks to address two issues:</p> <ul style="list-style-type: none"> <li>• Section M 'Credit Cover and Credit Default' of the BSC contains valid forms that can be used to provide Credit Cover with a Letter of Credit as well as general requirements of an Approved Insurance Product. If changes to the Section M provisions are required a BSC Modification Proposal must be raised to update the text which will take at least three months to implement and more industry and Elexon effort to progress than need be the case.</li> <li>• There are currently two valid sets of Letter of Credit templates under the BSC. The proposer contends that having two valid sets of Letter of Credit templates could increase the risk of Imbalance Parties using Letter of Credit templates that are not in line with current banking practices.</li> </ul>		
<b>Current Solution:</b>	<p>The Modification Proposal will:</p> <p>Remove the Letter of Credit templates and Approved Insurance Product requirements from annexes M1 - M4.</p> <p>Update Sections 2.1.4 &amp; 2.1.5 of Section M to introduce a requirement for the Letter of Credit templates and the Approved Insurance Product requirements to be published on the BSC Website;</p>		

	<p>Alter the definitions of Letter of Credit and Approved Insurance Product so that there is a requirement for Elexon to publish these templates and requirements on the BSC Website; and</p> <p>Introduce:</p> <p>A mandatory 20 Business Day consultation period for any changes to the Letter of Credit templates or Approved Insurance Product requirements; and</p> <p>At least a 60 Business Day period from Panel approval till the specified updates become live.</p>
<b>History:</b>	<p>Modification Proposal was presented to the Panel on 10 December 2020 and the Panel agreed to raise the Modification. Panel members requested the inclusion of a 3 month lead time before changes were made to either the Letter of Credit and Approved Insurance Products templates and also requested an extended Report Phase Consultation window due to the Christmas period.</p>

<b>P418: - Amendments to the P383 legal text for Additional BM Units</b>			<b>Update</b>
<b>Date Raised:</b>	10 December 2020	<b>Proposer:</b>	BSC Panel
<b>Target Implementation Date:</b>	1 April 2021	<b>Current Status:</b>	Report Phase
<b>Latest Update:</b>	The Report Phase consultation was issued 15 December 2020 with responses invited by 7 January 2021.		
<b>Next Event:</b>	We will present the Draft Modification Report for decision to the Panel at its meeting on 14 January 2021.		
<b>Issue:</b>	The approved legal text for P383 did not include details on how Metering Systems in Additional BM Units should be treated. This omission should be corrected. Additionally the BSC Baseline has been updated by other Modifications since the P383 legal text was drafted and sent for approval. As such, the P383 legal text should be aligned with the updated BSC Baseline to make best use of the new provisions.		
<b>Current Solution:</b>	P418 aims to ensure the Legal Text for approved BSC Modification P383 properly reflects the approved solution, business requirements, and is aligned with the BSC baseline introduced by P344, P354 and P388. In particular, it will clarify that the solution being delivered by P383 is applicable to both Supplier Base Balancing Mechanism (BM) Units and Additional BM Units.		
<b>History:</b>	P418 was raised by the BSC Panel at its meeting on 10 December 2020,		

### III. Change Proposal Updates – up until decision

<b>CP1530: Introduction of a formalised process for the validation of measurement transformer ratios by Elexon</b>		<b>Update</b>	
<b>Date Raised:</b>	30 June 2020.	<b>Proposer:</b>	Elexon
<b>Target Implementation Date:</b>	25 February 2021	<b>Current Status:</b>	Awaiting Implementation
<b>Latest Update:</b>	The second CP Assessment Report for CP1530 was presented to the SVG at its meeting on 1 December 2020. The SVG unanimously approved CP1530 for implementation on 24 June 2021 as part of the scheduled June 2021 BSC Release.		
<b>Next Event:</b>	The change is awaiting implementation in the scheduled June 2021 BSC Release.		
<b>Issue:</b>	Licensed Distribution System Operators (LDSOs) currently submit transformer ratios for measurement transformers as free text, where any value can be entered. There is currently no list of valid transformer ratios or a process for the validation of the transformer ratios submitted by LDSOs. This can at times lead to erroneous data being entered which will manifest itself as erroneous Settlement data.		
<b>Current Solution:</b>	CP1530 proposes to create a national valid list of transformer ratios and introduce a process where LDSOs and Meter Operator Agents (MOAs) submit transformer ratios to ELEXON. On receipt, ELEXON will check that the submitted ratios meet the valid format and establish a list of valid transformer ratios, to be used by LDSOs and MOAs, on the ELEXON Portal. A corresponding change to the Master Registration Agreement (MRA), which requires all registrations of metering systems to use a ratio selected from the valid set published on the ELEXON Portal, has been raised: DTC CP 3576 - Introduction of Valid Sets for J0454 (CT Ratio) and J0455 (VT Ratio). A corresponding change to the Master Registration Agreement (MRA), which requires all registrations of metering systems to use a ratio selected from the valid set published on the ELEXON Portal, has been raised: DTC CP 3576 – Introduction of Valid Sets for J0454 (CT Ratio) and J0455 (VT Ratio)		
<b>History:</b>	CP1530 was raised by Elexon on 30 June 2020. The CP1530 Progression Paper was presented to the Supplier Volume Allocation Group (SVG) at its meeting on 7 July 2020. The SVG noted CP1530 had been raised and the proposed progression timetable. CP1530 was issued for industry consultation on 14 July 2020 with responses due by Monday 10 August. An update was provided to the SVG on 1 September 2020 on the outcome of the first CP1530 consultation. Elexon explained CP1530 consultation responses highlighted the need for amendments to the CP1530 solution. Some aspects of the updates constitute to material amendments; therefore, Elexon recommended CP1530 be re-issued for a second industry consultation. The SVG deferred its decision on whether to issue CP1530 for a second consultation and highlighted a number of concerns it believed would first need to be addressed before a second consultation was issued. Elexon presented a draft Assessment Report to SVG at its meeting on 6 October, which recommended CP1530 be issued for a second consultation, having addressed previous SVG comments. The SVG		

agreed to issue CP1530 for a second consultation, which was issued on 12 October 2020, with responses due by 6 November 2020. Eight of the ten respondents agreed with the proposed solution. The parties that disagreed stated that CT/VT data should be validated by the sending party. The CP1530 Assessment Report was presented to the SVG at its meeting on 1 December 2020.

CP1538: Correct Specification of TERRE Tibco Messages		Update	
<b>Date Raised:</b>	19 November 2020	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	1 April 2021	<b>Current Status:</b>	Change Proposal Circular Consultation
<b>Latest Update:</b>	The CP1538 Progression Paper was presented to the ISG on 1 December 2020, and was issued for industry consultation on 7 December 2020, with responses due 6 January 2021.		
<b>Next Event:</b>	Responses to the consultation are due 6 January 2021, and the CP1538 Assessment Report will be presented to the ISG at its meeting on 25 February 2021 for decision.		
<b>Issue:</b>	Industry testing of the full TERRE solution has identified that there are several TERRE Tibco data items that have not been defined in the NETA Interface Definition and Design (IDD) Part 1 word document, or included in the "RR Activation Data" message. so Participants will not be able to configure their Tibco readers to receive this message.		
<b>Current Solution:</b>	Amend the IDD Part 1 document to ensure that TERRE Tibco messages are specified correctly.		
<b>History:</b>	CP1538 was raised on 19 November 2020.		

CP1539: Inclusion of LCCC as an Affected party for Metering Dispensations		Newly Raised	
<b>Date Raised:</b>	16 November 2020	<b>Proposer:</b>	LCCC
<b>Target Implementation Date:</b>	1 April 2021	<b>Current Status:</b>	Change Proposal Circular Consultation
<b>Latest Update:</b>	The CP1539 Progression Paper was presented to the ISG and SVG at their meetings on 1 December 2020, and was issued for industry consultation on 7 December 2020, with responses due 6 January 2021.		
<b>Next Event:</b>	Responses to the consultation are due 6 January 2021, and the CP1539 Assessment Report will be presented to the ISG and SVG at their meetings on 25 February 2021 for decision.		
<b>Issue:</b>	Currently, there is no mechanism to ensure that the Low Carbon Contracts Company (LCCC) is informed of Metering Dispensations applications related to generation sites where there may also be Contracts for Difference (CfD) arrangements in place at site. As such the LCCC may be missing critical opportunities to have clarity in the Metering Dispensations granted by the BSC Panel Committees (Imbalance Settlement Group (ISG) and/or Supplier Volume Allocation Group (SVG) on behalf of the BSC Panel so that they do not conflict with the requirements and ethos of the CfD.		
<b>Current Solution:</b>	Include the LCCC as an Affected party for future Metering Dispensations by including them in the List of Definitions in BSCP32 paragraph 2.2. The BSCP32 section 4.1 application form should be		

	modified to include confirmation that the applicant has engaged with the LCCC (where applicable), and other Affected parties, rather than simply stating who the Affected parties are. This will allow LCCC to discuss with a CfD Generator and request relevant information relating to associated 'aggregation rules' for each Metering Dispensation in situations likely to affect the LCCC as CfD Counterparty, essentially be sent any relevant information on any CfD whose Metering Equipment is the subject of a Metering Dispensation application.
<b>History:</b>	CP1539 was raised on 16 November 2020.

## IV. Issue Updates

Issue 69: Performance Assurance Framework Review			Update
<b>Date Raised:</b>	30 March 2017	<b>Proposer:</b>	Elxon
<b>Latest Update:</b>	The final Issue 69 meeting was held on Tuesday 31 March. The workshop looked at Data and reporting under the PAF including the data-centric techniques (Performance Assurance Reporting and Monitoring System (PARMS) and Material Error Monitoring (MEM). Elxon will present the final PAF Review recommendations at the September 2020 PAB meeting.		
<b>Next Event:</b>	There are no more planned Issue 69 Workgroups. The Issue 69 Report will be presented to the BSC Panel at its meeting on 12 November 2020.		
<b>Issue:</b>	Elxon 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 <a href="#">P207 'Introduction of a new governance regime to allow a risk based Performance Assurance Framework (PAF)'</a> 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.		
<b>History:</b>	<p>The first work stream was Smart Metering, with two meetings held on 25 April 2017 and 24 May 2017 respectively. The interim Issue Report for Smart Metering was presented to the PAB in June 2017, and tabled at the BSC Panel in July 2017.</p> <p>The second work stream is on PAF procedures. This work stream will focus on a new design for the PAF, covering what is currently the Risk Evaluation Methodology (REM), Risk Evaluation Register (RER), Risk Operating Plan (ROP) and the reporting.</p> <p>The first Workgroup on PAF procedures was held on 17 January 2018. In the meeting, Elxon presented a proposed design to the group for review and comment. The second meeting was held on 10 April 2018 to align with work we are doing for the Performance Assurance Framework review.</p> <p>The third meeting for this work stream was held on 12 June 2018 where the Workgroup discussed a newly drafted version of the RER. The fourth meeting for the PAF Procedures Work Stream was held on 15 August 2018. At this meeting the Elxon presented the final design of the PAF along with its component parts.</p> <p>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.</p> <p>Two Work Groups discussed audit techniques and data provisions.</p> <p>The PAB approved the new Risk Register on 31 January 2019.</p> <p>The Performance Assurance Board (PAB) suggested engagement with the Issue 69 workgroup (in particular Suppliers) on Supplier Charges review.</p>		



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 the meeting of the sub group the PAF team presented their recommendation at September PAB meeting on 26 September 2019.

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.

The final workstream under Issue 69 looked at Data and Reporting. The workstream included the data-centric techniques (Performance Assurance Reporting and Monitoring System (PARMS) and Material Error Monitoring (MEM)) and assessed:

- Different approaches to future assurance data provision;
- Which options to obtain data are cost-effective and whether required change/development is proportionate to the level of risk they mitigate and automation they provide; and
- General working practices that Elexon and the Performance Assurance Board (PAB) adopt when using new data sources.

<b>Issue 83: Ensuring that the Buy Price Adjustment reflects all additional balancing costs incurred by NGESO</b>		<b>No Update</b>	
<b>Date Raised:</b>	1 July 2019	<b>Proposer:</b>	Sebmcorp UK
<b>Latest Update:</b>	Issue 83 is effectively on hold until December 2020. At the second Workgroup meeting, on 11 October, NGESO agreed to consider how the inclusion and distribution of balancing costs incurred by NGESO would affect the value of the BPA, and consequently the Imbalance Price.		
<b>Next Event:</b>	The Proposer agreed that Issue 83 should be paused until there was greater certainty around the future of the Buy Price Price Adjustment. This will follow the development of the solution to implement the Imbalance Settlement Harmonisation Regulations into the GB trading arrangements. This is being done by P410 which is required to be implemented no later than December 2021.		
<b>Issue:</b>	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.
<b>History:</b>	Issue 83 was raised by Sebmcorp UK on 1 July 2019. The first Workgroup was held on 7 August 2019, where it discussed the components that are incorporated in the Buy Price Price Adjustment and how these could continue to be reflected in the Imbalance Price. The second meeting for Issue 83 was held on 11 October 2019 where the Issue Group further considered what components make up the BPA and how it could continue to be reflected in pricing.

<b>Issue 86: Review of processes potentially impacted by Ofgem's Faster Switching Programme.</b>			<b>No Update</b>
<b>Date Raised:</b>	9 October 2019	<b>Proposer:</b>	Elxon
<b>Latest Update:</b>	Ofgem issued its consultation on changes to licence conditions and Code changes to support the implementation of the REC in November 2020.		
<b>Next Event:</b>	Following Ofgem's consultation we will work to develop the Modification to deliver the SCR.		
<b>Issue:</b>	<p>The Retail Energy Code (REC) and Central Switching Service (CSS) are key components of Ofgem's Faster Switching Programme. The Retail Code Consolidation (RCC) Significant Code Review (SCR) will consolidate existing Industry Codes into the REC. RCC changes are expected to be implemented on 1 September 2021 and CSS changes in Spring 2022.</p> <p>Elxon, on behalf of the BSC Panel, is required to inform Ofgem how processes relating to Change of Supplier (CoS) and Change of Agent (CoA) may be impacted. These processes will likely impact:</p> <ul style="list-style-type: none"> <li>• Data Collectors (DCs);</li> <li>• Data Aggregators (DAs);</li> <li>• Meter Operator Agents (MOAs); and</li> <li>• Suppliers</li> </ul>		
<b>History:</b>	<p>The first Issue group was held on 29 October 2019. The Issue Group discussed changes required to the switching process in BSCP501 and BSCP537 Appendix one to align with the Retail Energy Code (REC) and Central Switching Service (CSS) planned go-live date of 1 April 2021.</p> <p>The Issue Group started to discuss whether the Settlement time lines will be compatible with Faster Switching. The second Issue group was held on 13 December 2019 to finish reviewing the core BSC changes for faster switching. The third Issue Group was held on 30 January 2020 to wrap up outstanding matters from the original scope and agree how the Issue Group will support preparation of the RCC redlining. Ofgem asked for further redlining to be provided for the Retail Code Consolidation Significant Code Review (SCR). Issue 86 was raised to consider the redlining needed for the Faster Switching SCR and has been extended, and the scope widened, to facilitate the new SCR.</p> <p>The fourth Issue Group was held on 6 March 2020 to review progress/direction of travel regarding SCR document drafting as well as to agree way ahead with interim quick wins. Draft redlining was submitted on 31 March 2020 as agreed between the BSC Panel and Ofgem.</p>		

Elxon submitted the redlining for the Faster Switching and Retail Code Consolidation SCRs on 31 March 2020 as per the correspondence between the BSC Panel and Ofgem late February/early March 2020. Ofgem's work on their faster switching programme has been delayed by Covid-19 and we are seeking guidance on new timelines.

<b>Issue 87: Busbar voltage transformer metering for Offshore wind farms under OFTO arrangements</b>		<b>No Update</b>	
<b>Date Raised:</b>	3 March 2020	<b>Proposer:</b>	Siemens Transmission and Distribution Limited
<b>Latest Update:</b>	Following the 2nd meeting of the Issue 87 Group on 22 September, where the Proposer and group considered outcomes of the actions and agreed to extend the scope of the solution to cover onshore arrangements, Elxon have been preparing a 'one pager' document explaining the Issue and its expansion of scope to onshore sites. Issue 87 struggled to attract a large group, but the group believe that the extended solution may attract further interest and have directed Elxon to prepare a 'one pager' and disseminate this via its communication channels.		
<b>Next Event:</b>	Further industry engagement with a wider range of Parties will be sought via a 'one pager' document that we are aiming to issue in December 2020. If the outcomes of this engagement materially affect the proposed solution, another Issue meeting will be held to consider feedback, if there is no interest then the Issue Report will be presented at the next appropriate Panel meeting.		
<b>Issue:</b>	The size and weight of VTs used in Metering Systems of Offshore wind farms can add significant weight and space requirements to a project. This in turn can make developing new wind farms more complex and costly, which ultimately will have a negative effect for end consumers who will have to fund this through their energy bills. The Proposer believes that there are effective alternatives to this metering set up, which can reduce the number of VTs (and hence weight) required, without impacting on the quality of data used in Settlement.		
<b>History:</b>	Siemens Transmission and Distribution Limited raised Issue 87 on 3 March 2020. After delays to holding the first Issue Group due to accuracy challenges, Elxon scheduled a meeting for 21 May 2020. The first meeting was postponed due to a cyber-attack on Elxon's IT systems. The first Issue group meeting took place on 6 July, where the group considered potential solutions to the Issue. The group wished to consider whether the solution may be extended to cover onshore sites, and have requested some clarifications for consideration at the next meeting. The 2nd meeting of the Issue 87 Group took place on 22 September.		

<b>Issue 88: Clarification of BSC Arrangements relating to Complex Sites</b>			<b>Update</b>
<b>Date Raised:</b>	18 March 2020	<b>Proposer:</b>	Elxon
<b>Latest Update:</b>	The responses to the RFI were considered by the Issue Group at its meeting on 25 November 2020.		
<b>Next Event:</b>	The next Issue Group meeting is expected to be held in February 2021.		
<b>Issue:</b>	It has become clear that there are a number of issues and ambiguities relating to the complex site arrangements, which this issue seeks to address.		
<b>History:</b>	<p>Issue 88 was raised on 18 March 2020 by Elxon. The first Issue Group meeting was held on 29 April 2020. The aim of the meeting was to outline the issues currently experienced with the Complex Sites arrangements and to determine the best way forward. Elxon took actions to provide potential solutions to the Issue Group at its next meeting.</p> <p>The second Issue Group meeting was held on 27 July 2020. Elxon took several actions, including issuing a Request for Information (RFI) to industry to get a clearer picture of the current complex site portfolio in GB and the drafting of a new guidance document.</p> <p>The RFI was issued on 29 September for 15WD and closed on 21 October. The Panel was given an update on Issue 88 at its meeting in October, noting that up to that point the Issue Group had mainly worked to determine mutual understanding of the Complex Site arrangements and the scope of the issue.</p>		

<b>Issue 89: Ensuring Demand Control Event (DCE) procedures remain fit for purpose</b>			<b>Update</b>
<b>Date Raised:</b>	23 March 2020	<b>Proposer:</b>	Elxon
<b>Latest Update:</b>	The third Issue 89 meeting was held on 26 August 2020 and members agreed to recommend process improvements to the Settlement Adjustment Processes as a result of this Issue.		
<b>Next Event:</b>	The Issue 89 Report will be tabled at the Panel's February 2021 meeting.		
<b>Issue:</b>	<p>This Issue seeks to examine efficacy of the Settlement Adjustment Processes (SAP) introduced by P305 'Electricity Significant Code Review Developments' in 2015. The intent of the SAP is to amend participants' imbalance positions following a DCE.</p> <p>The SAP were used for the first time following the DCE on 9 August 2019 and the majority of positions have been adjusted accordingly. However, difficulties were faced and this Issue will in part act as a lessons learned exercise for the SAP and seek potential improvements and efficiencies.</p> <p>Additionally, questions were raised by the BSC Panel as to whether the costs of running the processes were commensurate with the benefits of</p>		

	<p>doing so. As such, the Panel raised P397 'Assessing the costs and benefits of adjusting Parties' Imbalances following a demand disconnection' as a means to introduce a materiality threshold wherein the processes are only performed where the estimated benefits outweigh the expected costs.</p> <p>On 3 March 2020, Ofgem sent back P397 citing a lack of evidence in regards to the costs of operating the processes, noting this was not fully available at the time. As well as performing a lessons learned exercise, over the course of this Issue Group we aim to gather that information.</p>
<b>History:</b>	<p>Issue 89 was raised on 23 March 2020 by Elexon. The first Issue Group meeting was held on 22 April 2020. The meeting looked to determine the key difficulties experienced whilst performing the Settlement Adjustment Processes, and to establish the questions the group wanted to ask Industry in a formal Request for Information. The necessary questions have been included in the RFI, which was circulated for 15 WD with responses due by the 6 May 2020. The third meeting for Issue 89 was held on 26 August.</p>

<b>Issue 91: Registration and Settlement of Smart Export Guarantee (SEG) sites</b>			<b>Update</b>
<b>Date Raised:</b>	5 November 2020	<b>Proposer:</b>	EDF
<b>Latest Update:</b>	<p>The first Issue Workgroup meeting was held on 8 December 2020. The Workgroup considered the background to Issue 91, reviewed and agreed the issues which had been identified and considered the next steps.</p>		
<b>Next Event:</b>	<p>The second Issue Workgroup meeting is due to be held in January/February 2021 TBC.</p>		
<b>Issue:</b>	<p>The Smart Export Guarantee (SEG) is an obligation set by the government for licensed electricity Suppliers to offer a tariff and make payment to small-scale low-carbon generators for exported electricity. The SEG came into force on 1 January 2020 and has introduced the need to register and settle export MPANs (Meter Point Administration Number), in accordance with the Balancing and Settlement Code (BSC) arrangements, for generators with capacity up to 5MW. For these smaller scale exports sites there is no established market and therefore the arrangements for Non Half Hourly (NHH) sites introduced by BSC Modification P081 'Removal of the Requirement for Half Hourly Metering on Third Party Generators at Domestic Premises' have not been fully tested.</p> <p>These arrangements are described in BSC Procedure (BSCP) 504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' and BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS'. There are a number of scenarios arising which question whether these existing processes established for the import market are fit for purpose for the export market and for the use of shared smart Meters.</p>		
<b>History:</b>	<p>Issue 91 was raised by EDF on 5 November 2020.</p>		

<b>Issue 92: Reserve Scarcity Pricing Review</b>		<b>Newly Raised</b>	
<b>Date Raised:</b>	11 December 2020	<b>Proposer:</b>	NGESO
<b>Latest Update:</b>	Issue 92 was raised by NGESO 11 December 2020.		
<b>Next Event:</b>	The first Issue Workgroup meeting is due to be held in January/February 2021 TBC.		
<b>Issue:</b>	Reserve Scarcity Pricing was introduced in 2015 via <a href="#">P305</a> 'Electricity Balancing Significant Code Review Developments'. Since then, the way the British electricity system is balanced has changed significantly. Over the past 5 years the volume of renewables on the system has increased dramatically as has new and planned interconnection with Europe. We think that due to the changing system conditions the Reserve Scarcity Price (RSP) mechanism requires review. This should consider the issues RSP intended to solve, how they have evolved and if/what scarcity mechanism is required to incentivize market participants to support the system in tight margin situations.		
<b>History:</b>	Issue 92 was raised by NGESO on 11 December 2020.		



## V. Progression of Modifications – up until implementation

<b>Key</b>	<b>Initial Written Assessment:</b>	<b>Assessment Procedure:</b> AR: Assessment Report APC: Assessment Procedure Consultation	<b>Report Phase:</b> RC: Report Phase Consultation DMR: Draft Modification Report FMR: Final Modification Report	<b>WA:</b> With Authority Awaiting Decision	<b>AI:</b> Awaiting Implementation	<b>I:</b> Implementation	<b>D:</b> Delayed due to COVID-19	<b>CBA:</b> Cost/Benefit Analysis
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Mod	Title	Proposer	Date Raised	Urgent	Nov	Dec	Jan	Feb	Mar	Apr	May
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 2016	No		APC		AR			
P375	Settlement of Secondary BM Units using metering behind the site Boundary Point	Flexitricity	10 Dec 2018	No	RPC	DMR FMR	WA				
P376	Utilising a Baseline Methodology to set Physical Notifications for Settlement of Applicable Balancing Services	Enel Trade S.P.A.	11 Dec 2018	No			APC		AR	RPC	DMR
P379	Multiple Suppliers through Meter Splitting	New Anglia Energy	3 Jan 2019	No	APC/AR						

Mod	Title	Proposer	Date	Urgent		Nov	Dec	Jan	Feb	Mar	Apr	May
<b>P390</b>	Allowing extensions to Elexon's business and activities, subject to additional conditions	E.ON	12 Aug 2019	No		WA						
<b>P395</b>	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No								
<b>P396</b>	Revised treatment of BSC Charges for Lead Parties of Interconnector BM Units	Nord Pool AS	10 Dec 2019	No		I						
<b>P398</b>	Improving access to Open Data	BSC Panel	12 Dec 2019	No		RPC	WA					
<b>P399</b>	Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data	Sutton Bridge Power Station	24 Dec 2019	No		RPC	WA RPC	DMR FMR	WA			
<b>P402</b>	Enabling reform of residual network charging as directed by the Targeted Charging Review	National Grid ESO	5 Mar 2020.	No					AR	RPC	WA	

You

Mod	Title	Proposer	Date	Urgent		Nov	Dec	Jan	Feb	Mar	Apr	May
P407	Project MARI	National Grid ESO	4 May 2020	No		AR						
P408	Simplifying the Output Usable Data Process	National Grid ESO	5 May 2020	No			I					
P410	Changing imbalance price calculations to comply with the Imbalance Settlement	National Grid ESO	3 July 2020	No				APC		AR	RPC	DMR
P411	Including new LDSOs in Qualification to mitigate potential risks to Settlement	BSC Panel	9 July 2020	No		I						
P412	Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a	National Grid ESO	3 September 2020	No					APC			
P413	Enable Elexon to be the Programme Manager for the implementation of Market-wide Half Hourly	Scottish Power	7 September 2020	No			APC	APC	RPC	DMR		
P414	Allowing a Party to Withdraw from the BSC and transfer outstanding liabilities to another	RWE	29 September 2020	No		RPC	DMR FMR	AI	AI			

<b>P415</b>	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	Enel X	30 September 2020	No
<b>P416</b>	Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail	British Gas	5 November	No
<b>P417</b>	Move the Letter of Credit templates and Approved Insurance Product requirements to	BSC Panel	10 December	No
<b>P418</b>	Amendments to the P383 legal text for Additional BM Units	BSC Panel	10 December 2020	No

<b>IWA</b>			<b>APC</b>	<b>AC</b>	<b>RPC</b>	
	<b>IWA</b>	<b>RPC</b>	<b>DMR FMR</b>			
	<b>IWA</b>	<b>DMR</b>				

## VI. Progression of Change Proposals – up until implementation

<b>Key</b>	<b>Assessment Procedure:</b> PP: Progression Paper	<b>CPC:</b> Change Proposal Circular Consultation	<b>Committee Decision:</b> AR: Assessment Report FR: Final CP Report	<b>AI:</b> Awaiting Implementation	<b>I:</b> Implementation
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CP	Title	Proposer	Date	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>CP1530</b>	Introduction of a formalised process for the validation of measurement transformer ratios by Elexon	Elexon	30 June 2020	AI	AI	AI				
<b>CP1538</b>	Correct Specification of Tibc Messages	Elexon	19 November 2020		CPC		AR	AI	I	
<b>CP1539</b>	Inclusion of LCCC as an Affected party for Metering Dispensations	LCCC	16 November 2020		CPC		AR	AI	I	

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## VII. BSC Releases Road Map

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

February 2021 BSC Release - 25 February 2021			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
CP1532	Reduce Half Hourly Change of Supplier timelines to meet the Initial Settlement Run	Document	Confirmed
CP1533	Mandatory Sending of D0052 for DCC serviced SVA NHH Metering Systems	Document	Confirmed
CP1534	Introduce Change of Supplier (CoS) – No Meter Process	Document	Confirmed
CP1536	Use of DTC data flow D0379 for submission of unmetered Half Hourly data	Document	Confirmed
CP1537	Extending the Timescales for agreeing TAPAP Audits	Document	Confirmed
P398	Increasing access to BSC Data	Document	Pending Authority Approval
P414	Allowing a Party to Withdraw from the BSC and transfer outstanding liabilities to another Party	Document	Pending Authority Approval
June 2021 BSC Release – 25 June 2021			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Implementation Date
P399	BSAD Data Change – C16 Statement - Addition of counterparty identification data to existing Balancing	System	Pending Authority Approval



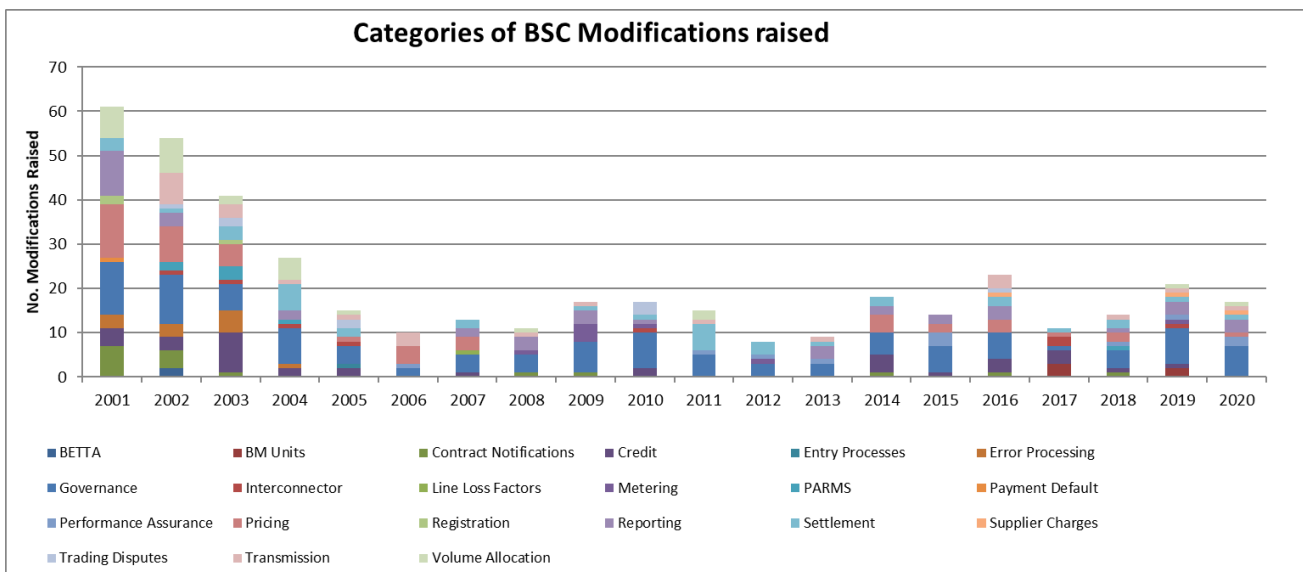
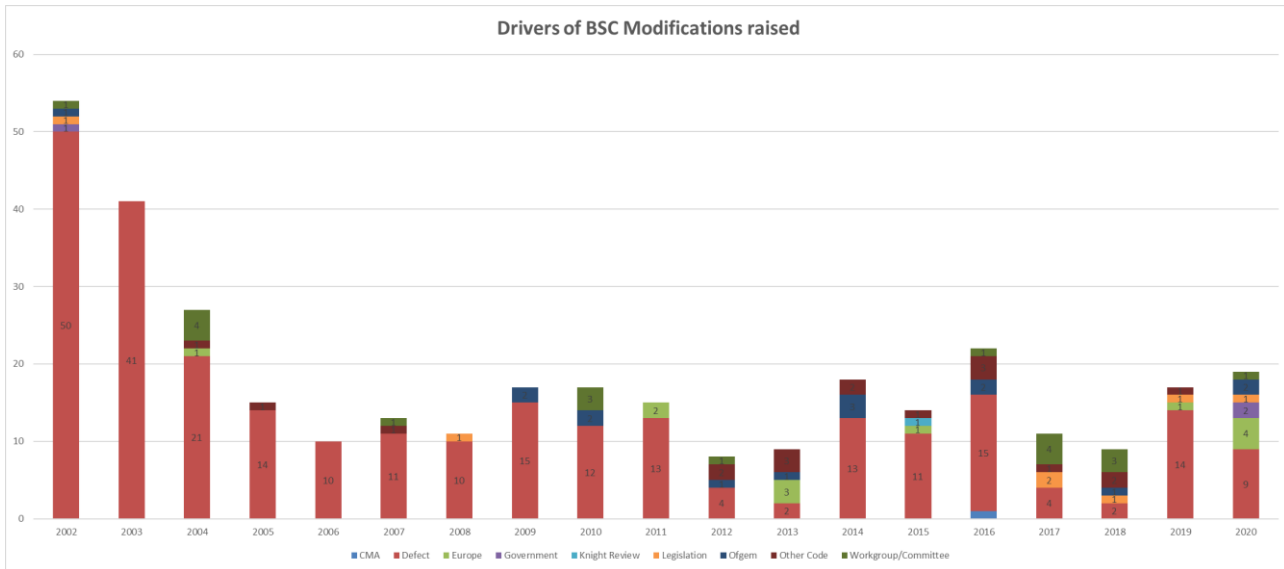
	Services Adjustment Action notification		
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Ad-Hoc Releases			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Implementation Date
<b>P383</b>	Enhanced reporting of demand data to the NETSO to facilitate CUSC Modifications CMP280 and CMP281	System	01 Apr 21
<b>P408</b>	Simplifying the Output Usable Data Process	System	3 Dec 20
<b>CP1531</b>	Additionally provide the TUoS Report to National Grid ESO at the II Settlement Run	System	01 Apr 21
<b>CP1535</b>	Interconnector Fuel Type Category update to BMRS	System	3 Dec 20
<b>CP1538</b>	Correct Specification of TERRE Tibco Messages	Document	1 April 2021
<b>P390</b>	Allowing extensions to ELEXON's business and activities, subject to additional conditions'	Document	5WDs after Authority Decision
<b>P418</b>	Amendments to the P383 legal text for Additional BM Units	Document	1 April 2021
<b>P413</b>	Enable Elexon to be the Programme Manager for the implementation of Market-wide Half Hourly Settlement'	Document	5WDs after Authority Decision
<b>P416</b>	Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail Energy Code	Document	5WDs after Authority Decision
<b>P417</b>	Move the Letter of Credit templates and Approved Insurance Product	Document	1 April 21

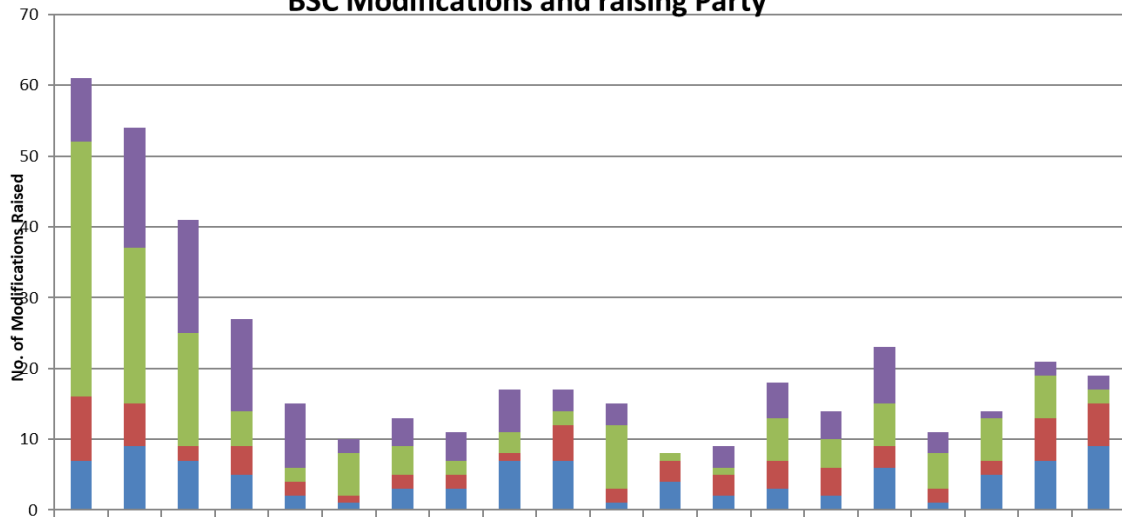
	requirements to the BSC Website for more efficient maintenance and simplification		
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TBC Release Date			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Target Implementation Date
<b>P332</b>	Revisions to the Supplier Hub Principle	Document	Post 2020
<b>P376</b>	Utilising a baselining methodology as an alternative to Physical Notifications	System	post TERRE
<b>P379</b>	Enabling consumers to buy and sell electricity from/to multiple providers through Meter Splitting	System	November 2022
<b>P375</b>	Settlement of Secondary BM Units using metering at the asset	System	TBC APC proposing 24 February 2022 or 22 June 2022
<b>P395</b>	Excluding generators from BM Unit Gross Demand and the calculation of EMR Supplier Charges	System	TBC (targeted to coincide with P375)
<b>P407</b>	Project MARI	System	By July 2022
<b>P402</b>	TCR SCR - implementing Ofgem's policy decision	System	April 2022
<b>P410</b>	Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations	System	By January 2022
<b>P415</b>	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	System	TBC following Workgroup assessment

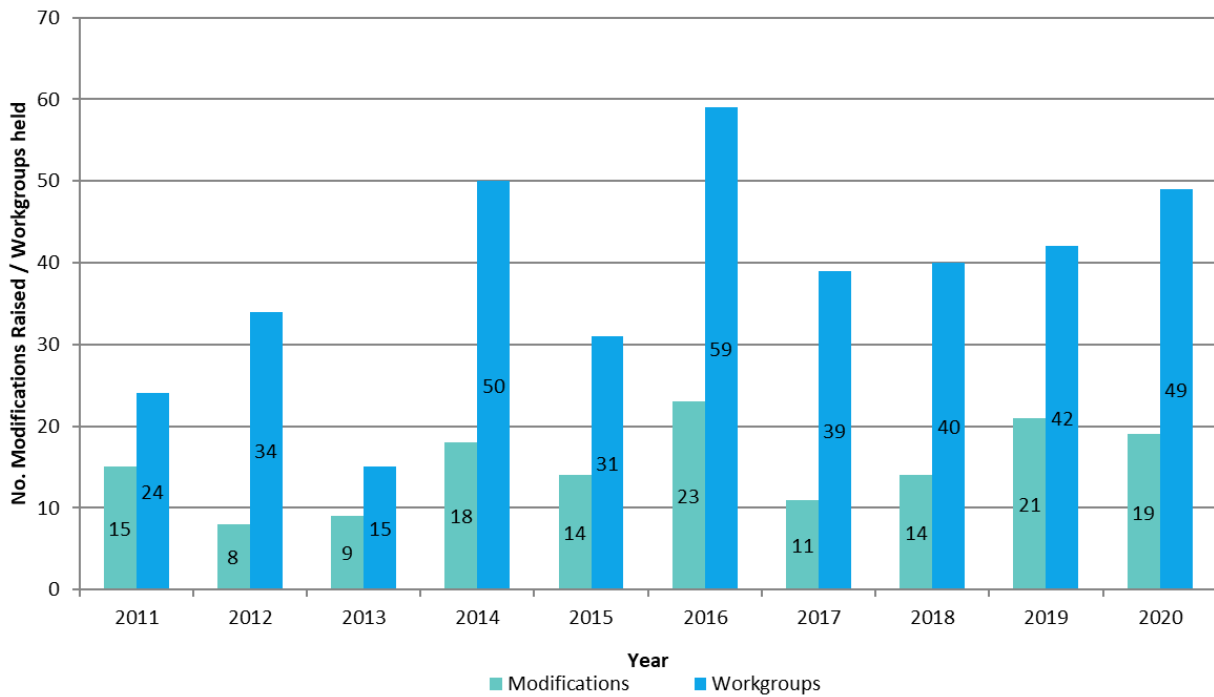
## VIII. Modification Trend Chart

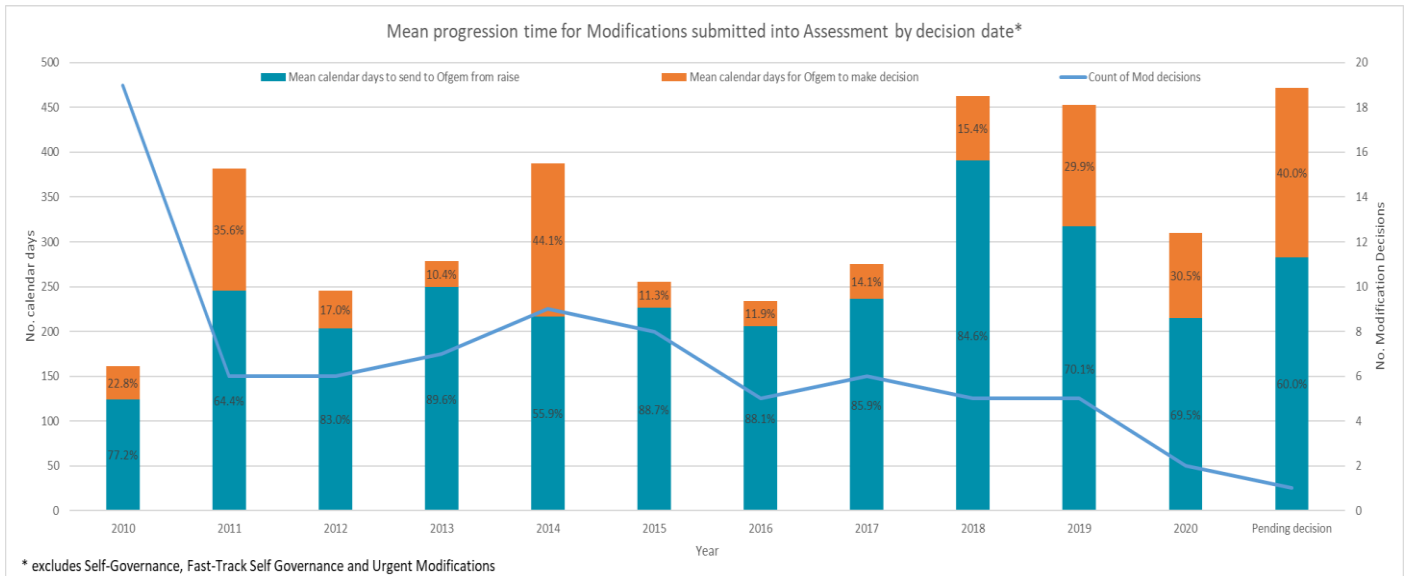


## BSC Modifications and raising Party



## BSC Modifications raised by year and Workgroups (excluding Issue groups) held





## IX: Recommendations

We invite the Panel to:

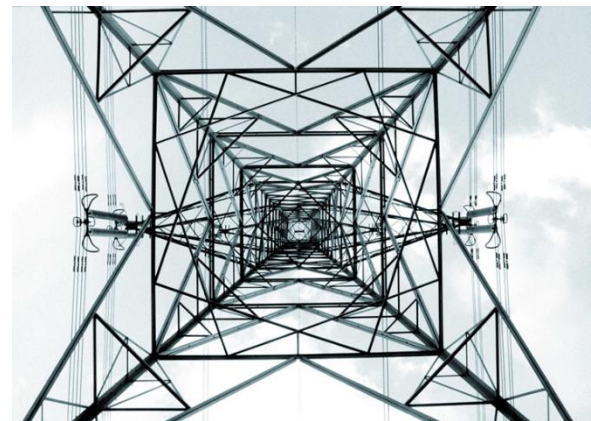
- **NOTE** the contents of the January 2021 Change Report.
- **APPROVE** a three month extension to the P410 Assessment Procedure, and:
- **APPROVE** a one month extension to the P413 Assessment Procedure.

**For more information, please contact:**

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020 7380 4118



## Appendix A

### Key

Stage	Modifications	Change Proposals
<b>Initial Written Assessment</b>	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.
<b>Assessment Procedure</b>	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.
<b>Report Phase</b>	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.
<b>Awaiting Decision</b>	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.
<b>Awaiting Implementation</b>	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.
<b>Rejected / Withdrawn</b>	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.