

## Quality Delivery

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

## Innovation

Enhancing and evolving our services to support industry changes and development of

## Customer Centric

Improving the customer experience and developing richer customer relationships.

## Simplification & Consolidation

Reducing complexity and

## 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 Panel meeting **13 May 2021**

Paper number **314/02**

Owner/author **Lawrence Jones**

Purpose of paper **For Decision**

Classification **Public**

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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. This report covers updates since 24 March up until 23 April 2021.

### Summary of Open Changes

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

#### Total changes open up until implementation

- Modifications: 12
- Change Proposal: 7
- Issues: 7

#### New changes since last month

One new Change Proposal has been raised: CP1543 'Use of DTC dataflow D0051 in the Half Hourly sector for Data Collectors to confirm the Data Retrieval method to Suppliers'.

#### Workgroups

- Workgroups held since last month's report: P412 – 7 April, P415 – 25 March, , Issue 88 – 16 April, 24 April
- Workgroups coming up: P376 – 28 April, P395 – mid/late May, P415 – 27 May, P416 – 27 April, Issue 91 – June, Issue 92 – mid May, Issue 94 – mid/late May

#### Consultations

- P332 (AC) – May 21, P376 (RC) – 25 March – 25 April 2021, Issue 92 RFI 14 April – 12 May 2021
- Change Proposal Consultations: CPC April 2021 – 12 April to 10 May contains CP1543

#### Awaiting decision

- Authority: P399, P402
- In Self-Governance window: None

#### Decisions since last month

- Approved: P413 (Ofgem), CP1539 (Panel)
- Rejected: None

#### Awaiting Implementation

- **Jun 21:** CP1530, P398, CP1539
- **Nov 21:** P399
- **Feb 22:** CP1532
- **Jun 22:** CP1527, P375
- **Feb 23:** P376

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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 11 March 2021, to extend the COVID-19 prioritisation approach until 30 June 2021. The intention is for the COVID-19 prioritisation approach to end on this date, subject to feedback and the evolving situation.

The Panel has reviewed this approach at its June, August, October and December 2020 meetings. In coming to this most recent decision, the Panel took into consideration the Government's roadmap to easing lockdown.

### 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)
P332: Revision to the Supplier Hub				▼ Stagger
P376: Baseline methodology				▼ Stagger
P395: Final Consumption Levies				▼ Stagger
P402: BSC Data for targeted Charging Review		X		▲ Continue
P410: European Imbalance Harmonisation'		X		▲ Continue
P412: Non-BM Balancing Services providers pay for non-delivery imbalances		X		▲ Continue
P415: Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties'		X*		▲ Continue
P416 - Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail Energy Code			X	▲ Continue

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

## II. Modification Updates – up until decision

P332: Revisions to the Supplier Hub Principle			Update
<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>	The Assessment Consultation had been drafted and sent to Workgroup Members for review. However, as Ofgem's decision on metering activities moving to the Retail Energy Code (REC) is expected in May 2021, it has been agreed to delay issuing the Assessment Consultation, as Ofgem's decision will have a significant impact on the P332 solution, which currently applies to SVA NHH & HH MOAs and DCs.		
<b>Next Event:</b>	The Assessment Consultation will be issued for industry consultation once Ofgem have confirmed their REC v2.0 decision on metering activities.		
<b>Extension Request</b>	We therefore request a three month extension, returning with the Assessment Report by the September 2021 Panel meeting.		
<b>Issue:</b>	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.		
<b>Current Solution:</b>	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.		
<b>History:</b>	<p>For full details visit the <a href="#">P332 webpage</a>.</p> <p>P332 was raised on 28 January 2016. The Initial Written Assessment was presented to the Panel on 11 February 2016 and entered into the Assessment Procedure.</p> <p>The first Workgroup meeting was held on 30 March 2016 and discussed P332 Proposed Modification and the Terms of Reference items. The Workgroup agreed to request information from industry to help in its assessment of P332 by issuing a Request for Information (RFI) paper.</p> <p>The second Workgroup meeting was held on 15 August 2016 to discuss the responses to the RFI. The Workgroup agreed Elexon and Proposer would start to draft the approach to the Proposed Modification and investigate the interaction with the Performance Assurance Framework (PAF) review.</p> <p>The BSC Panel approved an eight month extension to the P332 Assessment Procedure at its meeting on 8 September 2016.</p> <p>The third Workgroup meeting was held on 26 April 2017 and discussed 14 alternative solution options.</p> <p>The fourth Workgroup meeting was held on 31 May 2017 and focused on gathering Workgroup views for the interim report.</p> <p>The fifth Workgroup meeting was held on 16 August 2017 to review and consider responses to the data request.</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 BSC Panel approved a three month extension to the P332 Assessment Procedure at its meeting on 10 October 2019.

The sixth Workgroup meeting was held on 27 November 2019 to discuss the P332 issue and progress so far.

The seventh Workgroup meeting was held on 6 February 2020 to review case studies provided by Workgroup Members. The Proposer confirmed their preferred solution would be a side letter as part of the Qualification process.

The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 10 September 2020.

The eighth Workgroup meeting was held on 25 September 2020. The Workgroup reviewed the draft legal text and side letter.

The ninth Workgroup meeting was held on 22 October 2020. The Workgroup reviewed the draft legal text and side letter, incorporating amendments discussed at the previous Workgroup meeting, and gave their initial views against the Applicable BSC Objectives.

The tenth Workgroup meeting was held on 7 December 2020 and agreed to proceed to Assessment Consultation.

The BSC Panel approved a three month extension to the Assessment Procedure at its meeting on 10 December 2020.

The BSC Panel approved a two month extension to the Assessment Procedure at its meeting on 11 March 2021.

<b>P376: Utilising a Baselining 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>	February 2023	<b>Current Status:</b>	Report Phase
<b>Latest Update:</b>	The Assessment Report was presented to the Panel on 11 March 2021. The Panel progressed P376 to the Report Phase, with an initial recommendation to approve. The Report the Phase Consultation was issued on 25 March 2021.		
<b>Next Event:</b>	Report Phase Consultation responses due by 25 April 2021. DMR to be presented to the Panel on 12 May 2021.		
<b>Issue:</b>	Elexon raised Issue 71 'Introduction of a baselining methodology as an alternative to Physical Notifications' on 15 June 2018. This Modification builds on the back of this Issue and formally raises a Modification Proposal relating to the same defect.		



	<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>P376 proposes to allow the Virtual Lead Party of the Secondary BM Unit, or Supplier for an Additional BM Unit, to use a baselining methodology to determine the expected energy flows for an MSID Pair in the calculation of Non-Delivery Charges and Delivered Volumes. This will decouple the expected volume used in Settlement from the Physical Notification used by the NETSO for dispatch. This change will allow Balancing Service Providers to be fully recompensed for their actual change from normal usage and the impact this change has on the system, thus enabling greater participation.</p>
<b>History:</b>	<p>For full details visit the <a href="#">P376 webpage</a>.</p> <p>Raised by Enel Trade S.P.A. on 11 December 2018.</p> <p>IWA – presented 13 December 2018 and submitted into Assessment Procedure.</p> <p>Workgroup 1 held 25 January 2019 with P375 - discussed possible effects on the Boundary Point and links with National Grid ESO would .</p> <p>Workgroup 2 held 18 March 2019 with P375 - designing solution and exploring assurance methods.</p> <p>Workgroup 3 held 3 June 2019 - considered baseline methodologies.</p> <p>Workgroup 4 held the 14 August 2019 - develop the Business Requirements.</p> <p>Request for Information to support analysis on 23 September 2019 with responses due 11 October 2019.</p> <p>Workgroup 5 held 10 December 2019 - review Request for Information and consider updated Business Requirements.</p> <p>Workgroup 6 held 14 September - consider the impacts and agree the solution that will be consulted on through the Assessment Procedure Consultation. Short mop up session held 2 October, but the Workgroup was unable to reach consensus to issue its consultation.</p> <p>Workgroup 7 meeting was held 6 November - finalise solution for consultation.</p> <p>Workgroup 8 meeting was held 30 November</p> <p>Assessment Procedure Consultation 12 January – 2 February</p> <p>Workgroup 9 meeting was held 15 February – consider consultation responses</p>

<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 fourth P395 Workgroup had been scheduled for 26 March 2021, with the group to finalise key areas of the solution, including the modelling of a proposed merit order and outcomes of actions related to the potential expansion of the solution suggested in February. Unfortunately, the day before the meeting date the Proposer got in touch with Elexon to cancel the meeting due to an unforeseen circumstance that meant he could not attend.		
<b>Next Event:</b>	The Proposer has returned from a period of leave and we are now looking to reschedule this meeting for mid May 2021.		
<b>Extension Request:</b>	The late recommendation by LCCC to expand the P395 solution and the unexpected absence of the Proposer in April 2021 has unfortunately delayed the P395 schedule and it will not be possible to deliver P395 to plan. In order to finalise the remaining areas of the solution and consult on the Proposer and Workgroup's solution, we request a five month extension to the P395 timeline, returning with the Assessment Report by the November Panel meeting.		
<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-I042 'BM Unit Gross Demand Report' only includes electricity 'supplied' to premises by licensed Suppliers, and therefore excludes electricity imported by Generators operated by a licensee for generation activities (i.e. those activities authorised by their generation license 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>	<p>For full details visit <a href="#">P395 webpage</a>.</p> <p>Raised by Centrica on 7 November 2019.</p> <p>IWA – presented 14 November 2019 and progressed to the Assessment Phase.</p> <p>There was a delay in holding the first P395 Workgroup meeting caused by the urgent request to progress P397</p> <p>Workgroup 1 – held 19 February 2020 and discussed 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.</p> <p>The Panel approved a six month extension to the Assessment Procedure to P395 on 9 April 2020 to allow for further solution development.</p> <p>Due to resource constraints and deprioritisation under the Panel's Covid-19 prioritisation approach, work on the Modification was paused until October 2020.</p>		



	<p>The Panel approved an eight month extension to the Assessment Procedure for P395 on 10 September 2020. Elexon will return with the P395 Assessment Report at the June 2021 Panel meeting.</p> <p>Workgroup 2 – held 4 December 2020 and the Workgroup considered draft Business Requirements.</p> <p>Workgroup 3 held 25 February 2021, where the group discussed some recommendations by the Low Carbon Contracts Company (LCCC) to expand the solution.</p>
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<b>P399: Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data</b>			<b>No Update</b>
<b>Date Raised:</b>	24 December 2019	<b>Proposer:</b>	Sutton Bridge Power Generation
<b>Target Implementation Date:</b>	November 2021 BSC Release	<b>Current Status:</b>	With Authority
<b>Latest Update:</b>	The P399 Draft Modification Report was presented to the BSC Panel at its meeting on 14 January 2021 before being submitted to Ofgem for decision on 19 January with a recommendation to approve.		
<b>Next Event:</b>	P399 is currently being considered for decision by the Authority. A decision is due by 20 May 2021.		
<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>For full details visit <a href="#">P399 webpage</a>.</p> <p>Raised by Sutton Bridge Power Station on behalf of Calon Energy on 24 December 2019</p> <p>IWA - presented 16 January 2020 and progressed to Assessment Phase.</p> <p>Workgroup 1 – held 27 January 2020 where the Workgroup agreed two possible solutions</p> <p>Workgroup 2 – held 27 March 2020 where Workgroup considered NGESO and Elexon impact assessments of the two solutions. Costs and lead times were too high and NGESO agreed to impact assess alternative solutions.</p> <p>The Panel agreed a two month extension at its meeting in April 2020</p> <p>Workgroup 3 – held 17 July 2020; Workgroup agreed the solution</p>		

	<p>Assessment Phase Consultation issued 17 August 2020. 5 responses to the Assessment Phase Consultation were received, all of which supported the Modification</p> <p>Workgroup 4 – held 18 September and were unanimous in their recommendation to approve P399.</p> <p>Assessment Report – presented 8 October 2020 and progressed to the Report Phase</p> <p>The first P399 Report Phase Consultation closed on 16 November. It received 4 responses, with all but one in clear support of the Modification. NGESO's response noted that the inclusion of one of the agreed data items would add an additional £350k - £500k to its central implementation costs and that it could no longer meet the June 2021 BSC Release</p> <p>Workgroup 5 – held on 30 November per EBGL requirements, Workgroup agreed to retain the data item</p> <p>The Panel agreed a one month extension at its meeting in December 2020</p> <p>The second P399 Report Phase Consultation closed on 22 December with 3 responses, all of which supported approval of P399.</p>
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<b>P402: Enabling reform of residual network charging as directed by the Targeted Charging Review</b>			<b>No 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>	With Authority
<b>Latest Update:</b>	The Panel considered P402 for the final time at its 11 March 2021 meeting and recommended to Ofgem that the Alternative Solution (LDSOs send data directly to ESO) should be approved and that the Proposed solution (LDSOs send data to Elexon who aggregate it and send it to ESO) should be rejected.		
<b>Next Event:</b>	Elexon have sent the Final Modification Report to Ofgem and await their decision on P402. A decision is required by 27 May 2021 for the Proposed solution or 24 June 2021 for the Alternative solution.		
<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>	For full details visit <a href="#">P402 webpage</a> .		

National Grid ESO raised P402 on 5 March 2020.

IWA - On 12 March 2020 the Panel 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, where a solution for consultation was agreed.

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 5th 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 5th Workgroup meeting took place on Monday 2 November, where the Workgroup voted to raise an Alternative Modification. They acknowledged 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..

The group considered Alternative Business Requirements at the 6<sup>th</sup> Workgroup on 28 November 2020 in order that the Alternative solution could be consulted on.. The 2<sup>nd</sup> APC closed on 15 December.

The 7<sup>th</sup> P402 Workgroup meeting occurred 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.

The Assessment Report for P402 was presented to the Panel at their February 2021 meeting, where it was progressed to the Report Phase with a recommendation for the approval of the Alternative Solution.

The Draft Modification Report for P402 was presented to the Panel at their March 2021 meeting, where the Panel recommended to Ofgem that the Alternative Solution should be approved and that the Proposed solution should be rejected.

#### **P410: Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations** **No Update**

<b>Date Raised:</b>	3 July 2020	<b>Proposer:</b>	NGESO
<b>Target Implementation Date:</b>	Nov 2021 BSC Release	<b>Current Status:</b>	Assessment Procedure
<b>Latest update</b>	The Proposer, NGESO, intends to submit a revised harmonisation methodology for approval, as required to comply with EBGL. This will allow the continued use of the Market Index Price and remove the defect being addressed by P410.		
<b>Next Event:</b>	The Proposer expects P410 to be withdrawn in due course. Work on P410 is therefore effectively paused whilst NGESO revises its harmonisation methodology for Ofgem to consider.		
<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>For full details visit <a href="#">P410 webpage</a>.</p> <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>Workgroup 1 held on 6 August - agreed principles for calculating a Value of Avoided Activation.</p> <p>Workgroup 2 held 9 October - considered updated proposals. The Workgroup expressed concerns that any VOAA that is complaint with the ISHP would be detrimental to BSC Objectives.</p> <p>Workgroup 3 held 17 December – unable to agree suitable solution and requested additional analysis</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 fourth Workgroup meeting was held on 7 April 2021. The Proposer requested the Workgroup Members provide some analysis on the impacts that the solution options may have, which is expected to take 1-2 months. The BSC Panel approved a six month extension to the Assessment Procedure at its meeting on 8 April 2021 for this analysis to take place.		
<b>Next Event:</b>	The Proposer and Workgroup will then need to consider next steps, which may include withdrawing the Modification, if a solution can be found outside the BSC, or exploring compliance options with BEIS and Ofgem, which could take at least 3-4 months.		
<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>For full details visit the <a href="#">P412 webpage</a>.</p> <p>P412 was raised on 3 September 2020. The Initial Written Assessment was presented to the BSC Panel on 10 September 2020 and entered into 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> <p>The second Workgroup meeting was held on 27 November 2020 to consider five possible solutions and discuss the pros and cons of each option.</p> <p>The third Workgroup meeting was held on 22 February 2021 to further consider the legal and technical issues with the five possible solutions.</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>	27 April 2021	<b>Current Status:</b>	Awaiting Implementation
<b>Latest Update:</b>	Ofgem have approved the Alternative Solution (Spread costs across Suppliers only, rather than across all Trading Parties).		
<b>Next Event:</b>	Implementation is scheduled for 27 April 2021 with associated system changes to follow in summer 2021.		

<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>For full details visit the <a href="#">P413 webpage</a>.</p> <p>P413 was raised by Scottish Power on 7 September 2020</p> <p>Presented to Panel on 10 September 2020 and progressed to the Assessment Phase.</p> <p>Workgroup 1 - Held on 22 September 2020 which focused primarily on the context and background for the change as well as gathering initial views on the Workgroup Terms of Reference.</p> <p>Workgroup 2 - 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.</p> <p>Ad-hoc Workgroup - 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.</p> <p>Workgroup 3 - Held on 20 November where the focus was to review key documentation prior to issuing the Assessment Consultation.</p> <p>Assessment Phase Consultation – Issued on 14 Dec 2020 and closed on 15 Jan 2021. 5 responses were received with all but 1 expressing the view that P413 better facilitated the BSC Objectives over the current baseline.</p> <p>Workgroup 4 - Held on 25 Jan 21 where the focus was to finalise the Proposed Modification and determine whether the Workgroup agree that any Alternative Modification should be progressed. The Workgroup recommends that the Alternative Solution is approved.</p> <p>The Assessment Report was presented to the Panel at its meeting on 11 February 2021. The Panel recommended that the Proposed Solution is approved and the Alternative solution is rejected. P413 was sent to the Report Phase.</p> <p>The Report Phase Consultation opened on 15 February 2021 and closed 1 March 2021.</p> <p>The Draft Modification Report was presented to the Panel at its meeting on 11 March 2021. The Panel recommended implementation of the Proposed Solution (spread cost across all Trading Parties, rather than across Suppliers only). The Final Modification Report was sent to the Authority for decision on 15 March 2021.</p>



<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 Procedure
<b>Latest Update:</b>	The third P415 Workgroup was held on 25 March 2021 where the Workgroup discussed current network charging arrangements, VLP's role in the market and imbalance settlement		
<b>Next Event:</b>	The next P415 Workgroup will be held on 27 May 2021		
<b>Issue:</b>	Consumers of electricity who are able to be flexible about their consumption cannot currently obtain any value from that flexibility from the Wholesale Energy Market, except if they work with their Supplier to do so. This contrasts with Balancing Services, the Balancing Mechanism, and the Capacity Market, all of which allow a customer's flexibility to be offered by an aggregator without the involvement of the Supplier.		
<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>	<p>For full details visit <a href="#">P415 webpage</a>.</p> <p>Raised by Enel X UK Ltd on 30 September 2020.</p> <p>Presented on 8 October 2020, where the Panel agreed to progress P415 to the Assessment Phase.</p> <p>Workgroup 1 – held on 11 December and discussed the principles behind the Modification.</p> <p>Workgroup 2 – held on 9 February and discussed more complex worked examples.</p> <p>Workgroup 3 – held 25 March where the group considered how best to incorporate P376 functionality and considered network charging.</p>		

<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>	5WD after Ofgem Approval	<b>Current Status:</b>	Assessment Procedure
<b>Latest Update:</b>	The Assessment Procedure Consultation was issued on 7 April 2021 and closed on 22 April 2021.		
<b>Next Event:</b>	A Workgroup Meeting is scheduled for 27 April 2021 to discuss the consultation responses and finalise the Proposed Solution. The Assessment Report will be presented to the Panel on 13 May 2021. The Workgroup recommend P416 is approved.		
<b>Issue:</b>	If Parties' concerns over the Balancing and Settlement Code Company (BSCCo) Annual Budget are not being satisfactorily addressed by the BSCCo Board, the mechanism for further contesting them would be by raising a Resolution to the BSCCo		

	<p>Board. If that Resolution does not reach a satisfactory conclusion, the Party could raise further Resolutions to remove Board members.</p> <p>The Proposer contends that these are inefficient and disproportionate processes for Parties to address their concerns with the BSCCo budget.</p>
<b>Current Solution:</b>	<p>P416 seeks to amend the BSC to include an appeals mechanism to Ofgem that could be used to challenge items in the Annual Budget in line with the appeals mechanism detailed in proposals for the Retail Energy Code (REC).</p> <p>The Proposed Solution contains the following key features:</p> <ul style="list-style-type: none"> <li>Any BSC Party can raise an appeal against an Annual Budget line item within 10 WDs of the BSCCo Board issuing approval of the Annual Budget</li> <li>Provisions to allow the Authority to respond to appeals by referring individual items back to the Board for reconsideration, powers to change costings or remove individual items from the Annual Budget, and powers to dismiss appeals that are trivial or vexatious or has no reasonable prospect of success.</li> <li>Provisions to stop all of part of spend against appealed Annual Budget line items if specified conditions are met.</li> </ul>
<b>History:</b>	<p>For full details visit the <a href="#">P416 webpage</a>.</p> <p>P416 was raised by British Gas Ltd on 5 November 2020</p> <p>IWA - 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> <p>Workgroup 1 - Held on 14 December 2020 where the Terms of Reference and background to the Modification were considered.</p> <p>Workgroup 2 - Held on 22 December 2020 where the focus was to discuss key terms of reference questions and to further develop the Modification. At this meeting the Workgroup identified additional solution options that would require an additional Workgroup meeting.</p> <p>Workgroup 3 - held on 15 March 2021. Workgroup Members further considered the Proposed Solution, considered whether the Proposed Solution better facilitates the Applicable BSC Objectives over the current baseline and agreed the Assessment Phase Consultation questions</p>

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

CP1539: Inclusion of LCCC as an Affected party for Metering Dispensations		Update	
<b>Date Raised:</b>	16 November 2020	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	24 June 2021	<b>Current Status:</b>	Awaiting Implementation
<b>Latest Update:</b>	The CP1539 Assessment Report was presented to the ISG and SVG at their meetings on 6 April 2021 for decision. The ISG unanimously approved CP1539, while the SVG had several concerns, and unanimously rejected CP1539. CP1539 was therefore escalated to the Panel for final decision at their meeting on 8 April, where the Panel unanimously approved CP1539.		
<b>Next Event:</b>	CP1539 will be implemented on 24 June 2021 as part of the June 2021 BSC release.		
<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>	<p>For full details visit the <a href="#">CP1539 webpage</a>.</p> <p>CP1539 was raised on 16 November 2020.</p> <p>The CP1539 Progression Paper was presented to the ISG and SVG at their meetings on 1 December 2020.</p> <p>CP1539 was issued for industry consultation on 7 December 2020, with responses due 6 January 2021. We received one response to the consultation.</p>		

CP1540: Strengthening Qualification – Change of Ownership Process		Update	
<b>Date Raised:</b>	18 February 2021	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	4 November 2021	<b>Current Status:</b>	Committee Decision
<b>Latest Update:</b>	The CP1540 consultation closed 6 April 2021. There were two respondents, both agreeing with the proposed solution and implementation.		

<b>Next Event:</b>	The CP1540 Assessment report will be presented for decision to the PAB on 29 April, and to the ISG and SVG on 4 May.
<b>Issue:</b>	The intended purpose of the footnote is to allow for internal restructuring within the same company group. However, the footnote has allowed for a transfer of assets between two unrelated companies. The issue with such a transfer is that it would allow for any company to enter the market by purchasing business assets, rather than undertaking the Qualification process or the Change of Ownership process through purchase of company shares.
<b>Current Solution:</b>	The proposed solution is to remove footnote 22, and to add clarification stating that a transfer is only acceptable between affiliate companies, and that any Material Change will mean that Requalification would be required.
<b>History:</b>	<p>For full details visit the <a href="#">CP1540 webpage</a>.</p> <p>CP1540 was raised 18 February 2021.</p> <p>The CP1540 Progression Paper was issued for information to the PAB, ISG, and SVG at their meetings on 25 Feb, and 2 March 2021.</p> <p>CP1540 was issued for consultation on 8 March.</p>

CP1541: Use of DTC data flow D0004 in Half Hourly Sector to inform Suppliers that a manual download to obtain data was not successful				Update
Date Raised:	22 February 2021	Proposer:	Centrica	
Target Implementation Date:	4 November 2021	Current Status:	Committee Decision	
Latest Update:	<p>In total eight consultation responses were received from a variety of BSC Parties and Non-Parties, including Suppliers and Supplier Agents.</p> <p>Seven respondents agreed with the CP1541 Solution, with one Supplier Agent disagreeing, although stating they understood the logic behind the change felt the current informal process was sufficient.</p>			
Next Event:	The Assessment report will be presented to the SVG on 4 May 2021 for decision.			
Issue:	<p>There is currently no prescribed mechanism for Half Hourly Data Collectors (HHDCs) to inform a Supplier, via a dataflow, if they have been unable to manually retrieve consumption data where a Site Visit has been arranged. This process currently relies on bilateral discussions between HHDCs and Suppliers rather than a consistent Industry process.</p> <p>Without receipt of a D0004, Suppliers can be reliant on informal methods of communication to understand the results of a Site Visit, or an assumption the Site Visit has been unsuccessful without the additional information can provide to ensure HH data can be retrieved in future via Site Visit Check Codes (SVCCs).</p>			
Current Solution:	CP1541 proposes to update BSCP502 (Half Hourly Data Collection for SVA Metering Systems Registered in SMRS) Clause 3.4.1 to require HHDCs to send a D0004 (Notification of Failure to Obtain Reading) flow where a Site Visit to obtain Metering data is unsuccessful.			
History:	<p>For full details visit the <a href="#">CP1541 webpage</a>.</p> <p>CP1541 was raised by Centrica on 22 February 2021.</p>			

The CP Progression Paper was presented to SVG on 2 March 2021 with the committee unanimously agreeing to progress to the Consultation phase.

CP1541 was submitted for Industry consultation on 8 March 2021.

<b>CP1542: Transfer the obligation to visit de-energised sites annually from Data Collector to Supplier</b>		<b>Update</b>	
<b>Date Raised:</b>	23 February 2021	<b>Proposer:</b>	Elxon
<b>Target Implementation Date:</b>	24 February 2022	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	The CP1542 Consultation closed on 6 April 2021 with ten respondents representing a range of industry roles. Five out of ten respondents initially disagreed with the proposed solution. Upon further discussion with participants, Elxon issued new redlining with seven out of nine respondents in support of the new redlining.		
<b>Next Event:</b>	CP1542 will be presented to SVG on 4 May 2021 with a recommendation to re-consult on the basis that the new redlining reflects a material change in the solution.		
<b>Issue:</b>	The problem is that during the Market Audit 2018-2019, an audit issue was raised against a market participant for not visiting 11 out of the 25 sample de-energised sites, this led them to being in breach of obligation 3.4.1.1 note 99 of BSCP504v43: "Where a SVA MS is de-energised the NHHDC shall make visits to the site concerned every 12 months." The non-compliances were due to a lack of Data Retrieval contract in place with Suppliers. Additionally, the EAC associated with the site is unlikely to be zero which is the most probable actual consumption value. This results in the energy volumes attributable to the Supplier in Settlement being overstated and inequitable. Following this an Issue Group (Issue85) has been set up including the BSC parties in order to provide analysis and decide the potential solution for to take further steps to prevent this situation from occurring.		
<b>Current Solution:</b>	The solution in this case is to transfer the obligation in BSCP504 to visit de-energised sites on an annual basis from NHHDCs to Suppliers. For consistency the BSCP502 obligation for Half Hourly Data Collectors will also be placed on Suppliers so that both the Non Half Hourly and Half Hourly markets are aligned. Although the obligation is transferring from Data Collectors to Suppliers, it's likely that Data Collectors will still be instructed to visit the de-energised site. The CP1542 solution does not intend to have significant operational impacts for DCs or Suppliers, rather it is just a clarification of accountability, in line with the Supplier hub principle. To this extent, it ensures Suppliers have an obligation to ensure DCs visit de-energised sites no less than every 12 months. This mechanism could be contractual, a group instruction, or on a per site basis.		
<b>History:</b>	<p>For full details visit the <a href="#">CP1542 webpage</a>.</p> <p>CP1542 was raised by Elxon on 23 February 2021.</p> <p>The CP Progression Paper was presented to SVG on 2 March 2021.</p> <p>CP1542 was submitted for consultation on 8 March 2021, with responses due 6 April 2021. On 15 March 2021 we updated the redlining to better reflect the intent of the Change Proposal.</p>		

<b>CP1543: Use of DTC dataflow D0051 in the Half Hourly sector for Data Collectors to confirm the Data Retrieval method to Suppliers</b>		<b>Newly Raised</b>	
<b>Date Raised:</b>	6 April 2021	<b>Proposer:</b>	Centrica
<b>Target Implementation Date:</b>	4 November 2021	<b>Current Status:</b>	Consultation
<b>Latest Update:</b>	CP1543 was submitted for Industry consultation on 12 April 2021.		
<b>Next Event:</b>	Responses for the consultation are due 10 May 2021. The Assessment report will be presented to the SVG on 1 June 2021 for decision.		
<b>Issue:</b>	<p>There is currently no prescribed mechanism for HHDCs to inform a Supplier, via a dataflow, how they retrieve consumption data. This process currently relies on bilateral discussions between Half Hourly Data Collectors (HHDCs) and Suppliers rather than a consistent Industry-wide process.</p> <p>Without receipt of a D0051 (Affirmation of Half Hour Data Retrieval Method and Associated Details), Suppliers are reliant on informal methods of communication to understand if a Meter can be dialed remotely or not. Although not prescribed in BSCP502 (Half Hourly Data Collection for SVA Metering Systems Registered in SMRS) some HHDCs will send a D0051 as part of the appointment process currently, but it is not an existing requirement for all to do this. This can result in Suppliers having different processes if they appoint multiple HHDCs, increasing the manual effort required to manage their portfolio.</p>		
<b>Current Solution:</b>	CP1543 proposes to update BSCP502 to require HHDCs to send a D0051 in response to a D0155 (Notification of Meter Operator or Data Collector Appointment and Terms).		
<b>History:</b>	<p>For full details visit the <a href="#">CP1543 webpage</a>.</p> <p>CP1543 was raised by Centrica on 6 April 2021.</p> <p>The CP Progression Paper was presented to SVG on 6 April 2021 with the committee unanimously agreeing to progress to the Consultation phase.</p>		



## IV. Issue Updates

<b>Issue 87: Busbar voltage transformer metering for Offshore wind farms under OFTO arrangements</b>			<b>Update</b>
<b>Date Raised:</b>	3 March 2020	<b>Proposer:</b>	Siemens Transmission and Distribution Limited
<b>Latest Update:</b>	<p>Elxon are assessing feedback from a 'one pager' document explaining the Issue and its expansion of scope to onshore sites to determine whether another meeting is necessary, or whether the Issue Report can be presented to the June Panel meeting. Issue 87 struggled to attract a large group, but the group believe that the extended solution may attract further interest and Elxon are inviting further industry engagement via this 'one pager' to get feedback from interested parties. Following a presentation to the Association of Meter Operators' Half Hourly Electricity Metering Forum on 24 February 2021, industry members have submitted feedback on the proposal and are being engaged with to better understand their concerns</p>		
<b>Next Event:</b>	<p>Elxon are confirming with the Proposer whether another Issue meeting will be held to consider feedback, otherwise the Issue Report will be presented at the June 2021 Panel meeting.</p>		
<b>Issue:</b>	<p>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.</p>		

<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>	<p>The fifth and sixth meetings were held in April 2021 where the principles of Complex Site Classes and Complex Site process improvements were discussed.</p>		
<b>Next Event:</b>	<p>The Issue Group's discussions and conclusions will be presented to the Panel at its meeting in June 2021.</p>		
<b>Issue:</b>	<p>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.</p>		

<b>Issue 89: Ensuring Demand Control Event (DCE) procedures remain fit for purpose</b>			<b>No Update</b>
<b>Date Raised:</b>	23 March 2020	<b>Proposer:</b>	Elxon
<b>Latest Update:</b>	<p>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.</p>		
<b>Next Event:</b>	<p>The Issue 89 Report will be tabled at the Panel's June 2021 meeting.</p>		
<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</p>		

and this Issue will in part act as a lessons learned exercise for the SAP and seek potential improvements and efficiencies.

Additionally, questions were raised by the BSC Panel as to whether the costs of running the processes were commensurate with the benefits of 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.

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.

<b>Issue 91: Registration and Settlement of Smart Export Guarantee (SEG) sites</b>			<b>No Update</b>
<b>Date Raised:</b>	5 November 2020	<b>Proposer:</b>	EDF
<b>Latest Update:</b>	A meeting was held on 5 March 2021 with volunteers from the Issue Group to further develop the proposed redlining to present to the Issue Group at its next meeting.		
<b>Next Event:</b>	The third Issue Group meeting is due to be held in May/June 2021.		
<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>Issue 92: Reserve Scarcity Pricing Review</b>			<b>Update</b>
<b>Date Raised:</b>	11 December 2020	<b>Proposer:</b>	NGESO
<b>Latest Update:</b>	A RFI consultation was issued 14 April for Issue 92, with responses due 12 May 2021.		
<b>Next Event:</b>	The RFI consultation will close 12 May 2021, and the third Issue Group meeting will be held week commencing 17 May 2021 to consider the responses to the RFI.		
<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>Issue 93: Review of the BSC metering Codes of Practice</b>		<b>Update</b>	
<b>Date Raised:</b>	15 January 2021	<b>Proposer:</b>	Association of Meter Operators
<b>Latest Update:</b>	The Issue has been placed on temporary hold until mid-May due to Elexon resource focusing on the drafting the Retail Energy Code (REC) Metering changes		
<b>Next Event:</b>	The Issue Workgroup will be reconvened following submission of REC SCR redlining to Ofgem.		
<b>Issue:</b>	<p>Issue 93 will review the BSC metering Codes of Practice (CoPs), which have not been reviewed in totality before. Meter Operators from the Association of Meter Operators (AMO) believe they would benefit from improvement and/or clarification on a number of aspects to be identified and confirmed by this Issue.</p> <p>To optimise the activity of the Issue Group, a series of known aspects impacting the metering CoPs are combined in this single Issue (e.g. the use of Half-Hourly and Non-Half hourly as the market arrangements transition to Market-wide Half Hourly Settlement). A full list of these identified issues and considerations can be found on the proposal form, though this is not exhaustive as some issues may be consolidated, or new issues added, as part of the Issue Group process.</p>		

<b>Issue 94: Assessing barriers to entry to the Balancing Mechanism for sub 1MW providers and decimal bids</b>		<b>Newly raised</b>	
<b>Date Raised:</b>	6 April 2021	<b>Proposer:</b>	National Grid ESO
<b>Latest Update:</b>	Issue 94 was raised by National Grid ESO on 6 April 2021.		
<b>Next Event:</b>	The first Issue Group meeting is due to be held in mid/late May 2021.		
<b>Issue:</b>	National Grid Electricity System Operator (NGESO) conducted an impact assessment to understand the barriers to entry to joining the Balancing Mechanism (BM) for sub 1MW participants and users with decimal bids across a range of internal areas including Industry Codes, control room, IT and Settlement. The assessment concluded that further participation by small scale flexibility providers will help to enable zero carbon system operation. Further, the 1MW threshold and GSP level constraint has been noted by Market Participants as a blocker to participation.		

## V. Progression of Modifications – up until implementation

<b>Key</b>	<b>Initial Written Assessment:</b>	<b>Assessment Procedure:</b> <b>AR:</b> Assessment Report <b>APC:</b> Assessment Procedure Consultation	<b>Report Phase:</b> <b>RC:</b> Report Phase Consultation <b>DMR:</b> Draft Modification Report <b>FMR:</b> 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		Mar	Apr	May	Jun	Jul	Aug	Sep
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 2016	No			APC	APC	AR RC	RC	DMR	
P375	Settlement of Secondary BM Units using metering behind the site Boundary Point	Flexitricity	10 Dec 2018	No								
P376	Utilising a Baselining Methodology to set Physical Notifications for Settlement of Applicable Balancing Services	Enel Trade S.P.A.	11 Dec 2018	No		AR	RPC	DMR	AI			

Mod	Title	Proposer	Date Raised	Urgent		Mar	Apr	May	Jun	Jul	Aug	Sep
P383	Enhanced reporting of demand data to the NETSO to facilitate CUSC Modifications	Engie	14 Mar 2019	No			I					
P390	Allowing extensions to Elexon's business and activities, subject to additional conditions	E.ON	12 Aug 2019	No								
P395	Excluding generators from calculation of EMR Supplier Charges	Centrica	7 Nov 2019	No					AR	RPC		
P398	Improving access to Open Data	BSC Panel	12 Dec 2019	No					I			
P399	Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data	Sutton Bridge Power Station	24 Dec 2019	No								
P402	Enabling reform of residual network charging as directed by the Targeted Charging Review	National Grid ESO	5 Mar 2020.	No		RPC	WA					

Mod	Title	Proposer	Date Raised	Urgent		Mar	Apr	May	Jun	Jul	Aug	Sep
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							AR	RPC
P412	Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a	National Grid ESO	3 September 2020	No								
P413	Enable Elexon to be the Programme Manager for the implementation of Market-wide Half Hourly	Scottish Power	7 September 2020	No		WA	I					
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	Enel X	30 September 2020	No								
P416	Introducing a route of appeal for the Annual Budget in line with the proposals for the Retail	British Gas	5 November 2020	No			APC		AR/RPC	DMR	AI	



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

<b>Key</b>	<b>Assessment Procedure:</b> <b>PP:</b> Progression Paper	<b>CPC:</b> Change Proposal Circular Consultation	<b>Committee Decision:</b> <b>AR:</b> Assessment Report <b>FR:</b> Final CP Report	<b>AI:</b> Awaiting Implementation	<b>I:</b> Implementation
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CP	Title	Proposer	Date Raised		Mar	Apr	May	June	July	Aug	Sep
<b>CP1527</b>	Increase the minimum data storage capacity for Settlement Outstations and mandate specific selectable integration periods for Metering Codes of Practice	Elxon	27 January 2020								
<b>CP1530</b>	Introduction of a formalised process for the validation of measurement transformer ratios by Elxon	Elxon	30 June 2020					I			
<b>CP1531</b>	Additionally provide the TUoS Report to National Grid ESO at the II Settlement Run	National Grid ESO	30 June 2020			I					
<b>CP1532</b>	Reduce Half Hourly Change of Supplier timelines to meet the Initial Settlement Run	Elxon	8 July 2020								

CP	Title	Proposer	Date Raised		Mar	Apr	May	June	July	Aug	Sep
<b>CP1538</b>	Correct Specification of Tibc Messages	Elexon	19 November 2020		AI	I					
<b>CP1539</b>	Inclusion of LCCC as an Affected party for Metering Dispensations	LCCC	16 November 2020			AR	AI	I			
<b>CP1540</b>	Strengthening the Qualification – Change of Ownership process	Elexon	13 February		PP	CPC	AR	AI			
<b>CP1541</b>	Use of DTC data flow D0004 in Half Hourly Sector to inform Suppliers that a manual download	Centrica	22 February 2021		PP	CPC	AR	AI			
<b>CP1542</b>	Transfer the obligation to visit de-energised sites annually from Data Collector to Supplier	Elexon	23 February 2021		PP	CPC	CPC	AR	AI		
<b>CP1543</b>	Use of DTC dataflow D0051 in the Half Hourly sector for Data Collectors to confirm the Data	Centrica	6 April 2021			PP	CPC	AR	AI		

## 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.

June 2021 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P398	Increasing Access to BSC data	Doc Only	7. Implementation Phase
CP1530	Introduction of a formalised process for the validation of measurement transformer ratios by ELEXON	System	7. Implementation Phase
CP1539	Inclusion of LCCC as an Affected party for Metering Dispensations	System	5. Report / Panel Decision Phase

November 2021 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P399	Making the identity of Balancing Service providers visible in the Balancing Services Adjustment Data	System	7. Implementation Phase
P410	Changing imbalance price calculations to comply with the Imbalance Settlement Harmonisation regulations	System	4. Assessment / Consultation Phase
CP1540	Removal or Strengthening of Footnote 22 in BSCP537	Doc Only	4. Assessment / Consultation Phase
CP1541	Use of DTC data flow D0004 in Half Hourly Sector to inform Suppliers that a manual download to obtain data was not successful	Doc Only	5. Report / Panel Decision Phase
CP1543	Use of D0051 in HH Sector to inform Suppliers that the Data Collector affirms the Data Retrieval method	Doc Only	4. Assessment / Consultation Phase

February 2022 Release			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P402	TCR SCR - implementing Ofgem's policy decision	System	6. Authority Decision / SG Appeal Window
CP1542	Transfer the obligation to visit de-energised sites annually from Data Collector to Supplier	Doc Only	4. Assessment / Consultation Phase

## June 2022 Release

Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P375	Settlement of Secondary BM Units using metering at the asset	System	7. Implementation Phase
CP1527	Increase the minimum data storage capacity for Settlement Outstations and Mandate specific selectable DPs for CoPs 3, 5, and 10	Doc Only	7. Implementation Phase

## February 2023 Release

Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change
P376	Utilising a baselining methodology as an alternative to Physical Notifications	System	5. Report / Panel Decision Phase

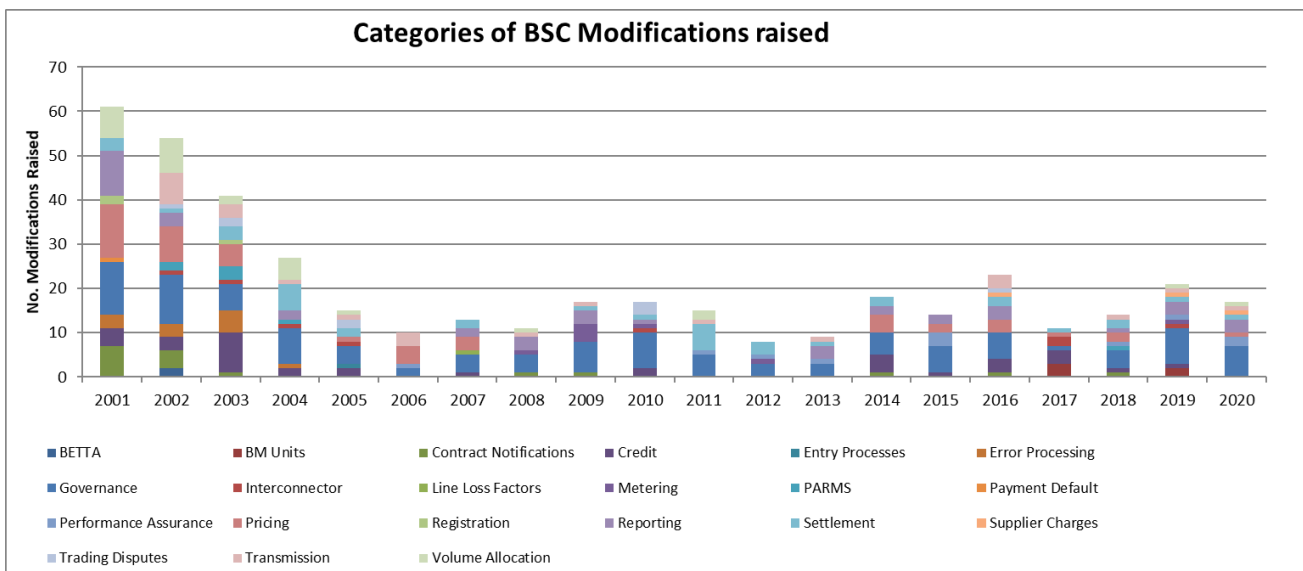
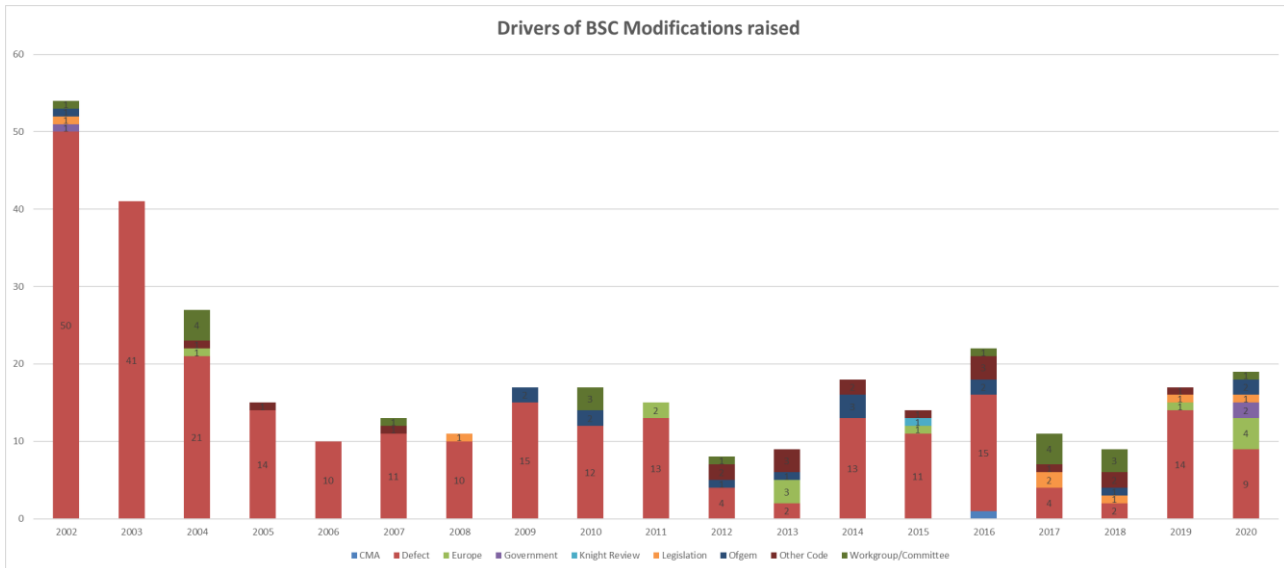
## Ad Hoc Releases

Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Implementation Date
P413	Enable Elexon to be the Programme Manager for the implementation of Market-wide Half Hourly Settlement (MHHS)	Doc Only	5. Report / Panel Decision Phase	5 WDs after Authority decision

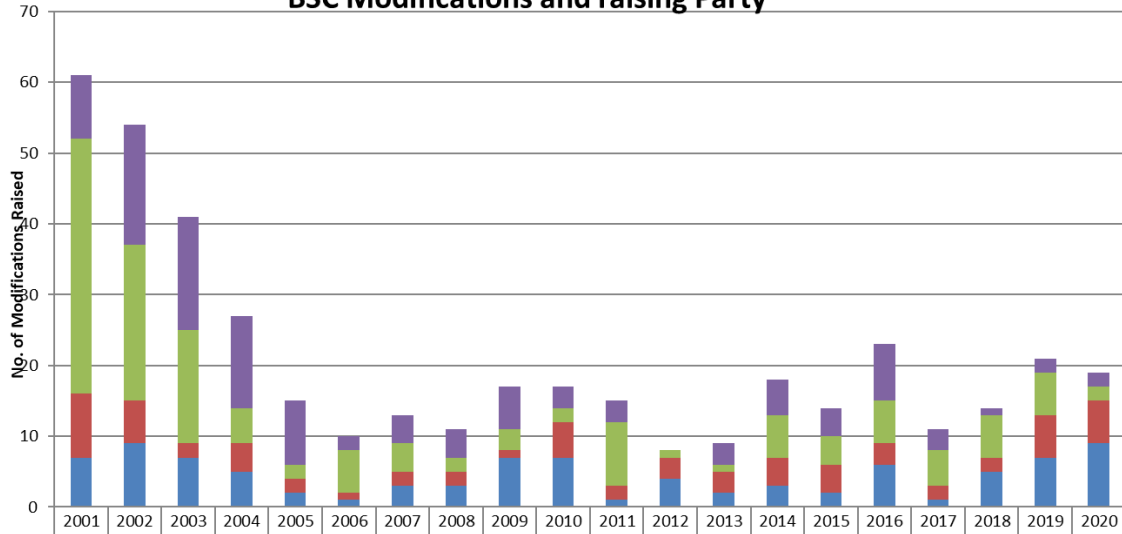
## TBC Release Date

Change Number	Title of Change	BSC Central Systems/Document only impacts	Current Status of Change	Target Implementation Date
P332	Revisions to the Supplier Hub Principle	Doc Only	4. Assessment / Consultation Phase	5 WDs after Authority decision
P412	Ensuring non-BM Balancing Services providers pay for non-delivery imbalances at a price that reflects the real-time value of energy	System	4. Assessment / Consultation Phase	Jun 22
P415	Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties	System	4. Assessment / Consultation Phase	Nov 22
P416	To introduce a route of appeal for the BSC Annual Budget	Doc Only	4. Assessment / Consultation Phase	5 WDs after Authority decision

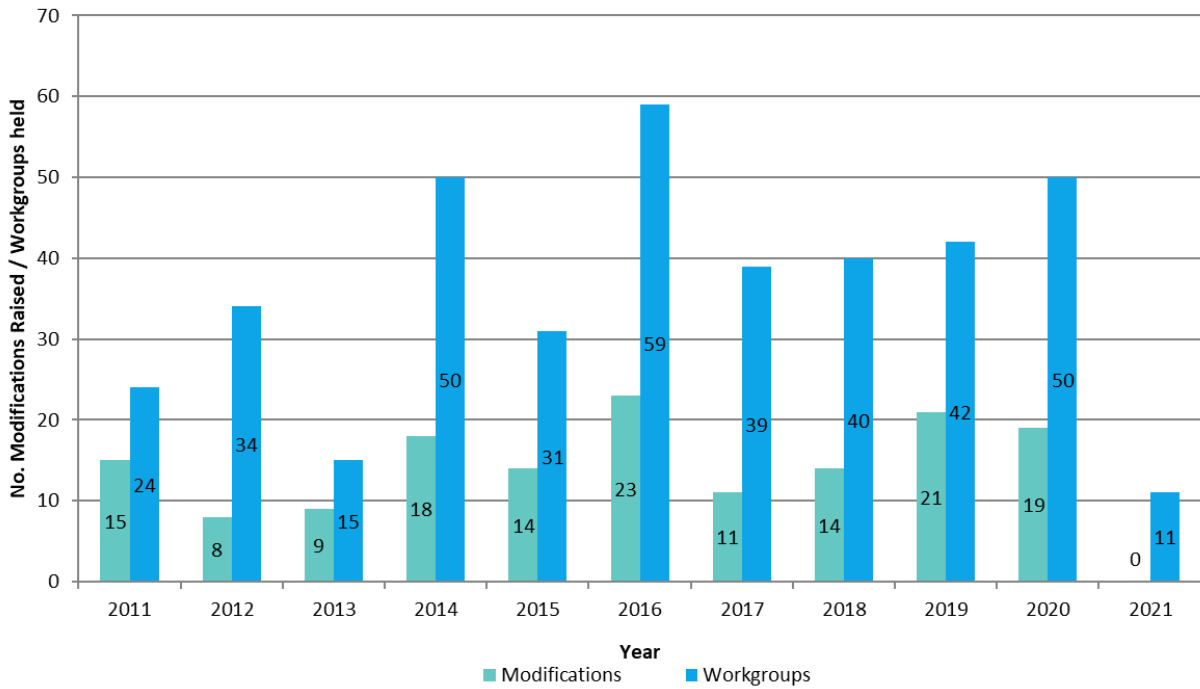
## VIII. Modification Trend Chart



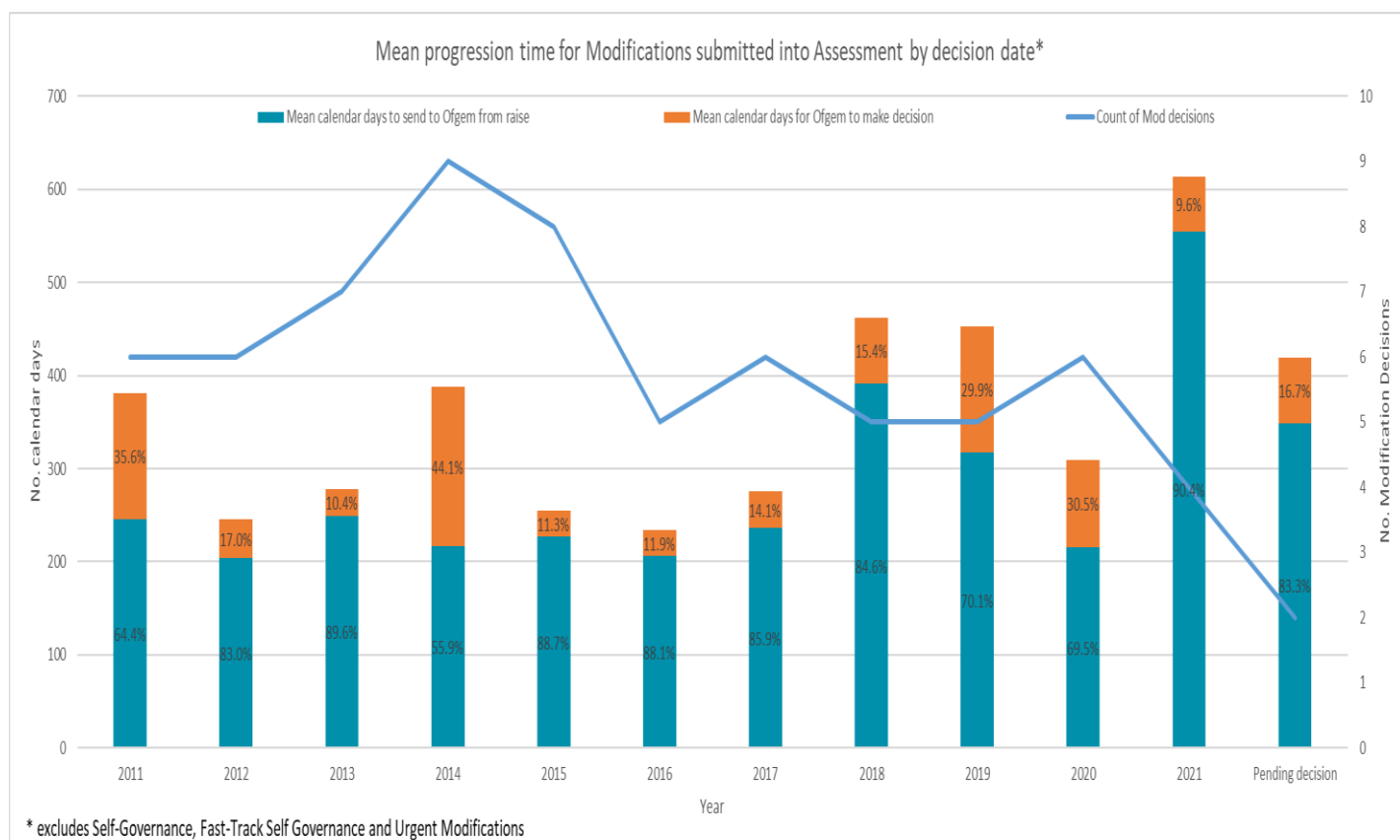
### BSC Modifications and raising Party



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







## IX: Recommendations

We invite the Panel to:

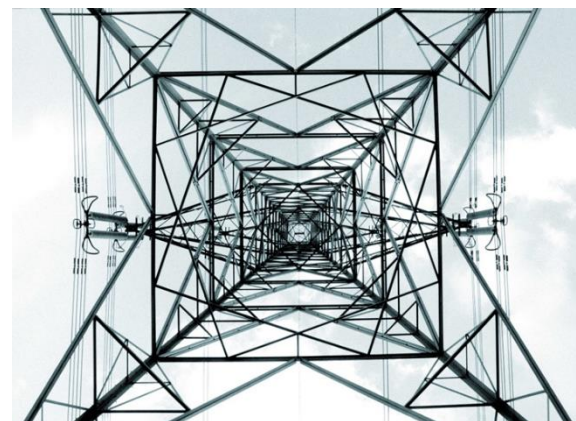
- **APPROVE** a three month extension to the P332 Assessment Procedure;
- **APPROVE** a five month extension to the P395 Assessment Procedure; and
- **NOTE** the contents of the May 2021 Change Report.

**For more information, please contact:**

Lawrence Jones, Head of Rules Management

[bsc.change@elexon.co.uk](mailto:bsc.change@elexon.co.uk)

020 7380 4118



## Appendix A

### Key

<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.