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This report provides key information on BSC Changes covering the period between the **April 2018** and the **May 2018** Panel meetings. Further information on BSC Changes can be found in the [Change Register](#) or on the [Change pages](#) of our website.

This report contains updates on:

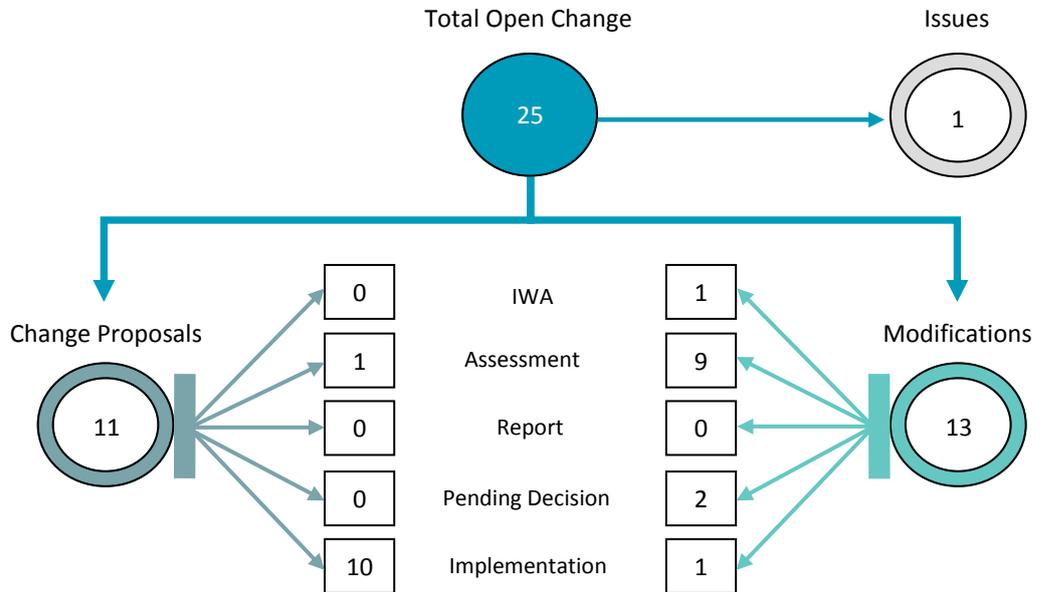
- P332, P344, P354, P355, P356, P359, P360, P361, P362, P363, P364, P365 and P366.
- CP1503, CP1504 and CP1505
- Issue 69.

Decisions required by the Panel:

- P344, P359, P362 and P366

Change News

Summary of Open Change



New Changes

[P366](#) was raised on 26 April 2018. This Modification seeks to amend how Supplier Charge SP08a is applied to Non Half Hourly non-domestic Meters that are 'hard-to-read' (HTR).

Approval, Rejections & Withdrawal

P344 was approved a one month extension to the Assessment Procedure, by the Panel at its meeting on the 12 Apr 2018

P360 was approved a one month extension to the Assessment Procedure, by the Panel at its meeting on the 12 Apr 2018

P361 was approved a one month extension to the Assessment Procedure, by the Panel at its meeting on the 12 Apr 2018

CP1503 was approved by the Panel on 12 April 2018, for implementation 1 November 2018 as part of the November 2018 BSC Release.

CP1504 was approved by the Panel on 12 April 2018, for implementation 1 November 2018 as part of the November 2018 BSC Release.

P365 was approved by the Authority on 10 April 2018 for implementation on 17 April 2018

P332: Revisions to the Supplier Hub Principle

P332 was raised to address issues associated with Customer's contracting directly with Supplier Agents. To address this issue, P332 proposes to amend the roles and responsibilities of Supplier Agents. This includes requiring Supplier Agents to become signatories to the Balancing and Settlement Code (BSC).

The Panel, at its meeting on 14 September, directed (in accordance with F2.6.10) the P332 Workgroup to pause work on the P332 solution. The Panel believed the Significant Code Review (SCR) on Half Hourly Settlement (HHS) could change the baseline against which P332 was being developed and assessed. The Panel agreed the May 2018 Panel meeting would be an appropriate review point for P332.

Significant Code Review update

A SCR Design Working Group (DWG), led by ELEXON, provided the final report for stage 1 of the Target Operating Model (TOM) to Ofgem in April 2018. The report sets out five skeleton TOMs and is currently [out for consultation](#). An [industry stakeholder event](#) is being held at ELEXON on 15 May. ELEXON and Ofgem are now planning for stage 2 and making sure the timetables for the TOM design and policy decisions align. The detailed design requirement in stage 2 will be undertaken by four Workgroups between June 2018 and January 2019.

Ofgem work on Supplier agent functions

Ofgem has recently published a working paper on [Supplier agent functions under market-wide half-hourly settlement](#). This paper shows their initial thinking in this area, informed by a voluntary industry request for information issued in August 2017. Although the paper considers the case for centralising data collection and data aggregation functions, it notes that Ofgem's current thinking is no change to Meter Operation. This is particularly relevant for P332, which identified approximately two thirds of Half Hourly Metering Systems were serviced by a customer preferred Meter Operator.

In the HHS design work to date, services have been defined at a high level and agnostic as to whether they will be delivered competitively or centrally. The optimum delivery will be informed by Ofgem's policy decision, which in turn can consider the detailed service design that will be done in Stage 2 starting in May 2018. The policy decision will be made towards the end of 2018.

Significantly, though, where services are indicated as being competitively delivered, this considers both customer and Supplier contracted options. The HHS TOMs also introduce a new Unmetered Supplies service to handle all UMS at Settlement Period level, and the default arrangements for that service are to be customer procured. The TOMs will recognise customer contracted services.

Implications for P332

Our recommendation, endorsed by the Proposer, is to extend the P332 period until December 2018, by which time the outcome of Ofgem's policy work will be known and the TOM services will have been developed in more detail. At that point, the P332 proposer will be able to consider whether the TOMs have sufficiently accounted for the issues noted when the Modification was first raised.

P344: Project TERRE implementation into GB market arrangements

P344 proposes to align the BSC with the European Balancing Project Trans European Replacement Reserves Exchange (TERRE) requirements. This will facilitate the implementation of the TERRE product at a national level and will enable compliance with the first tranche of obligations in the European Electricity Balancing Guidelines (EB GL), stemming from the European Network Codes (ENCs). Consequently, National Grid will be able to offer the market a new Replacement Reserve (RR) balancing product.

The P344 Workgroup convened for its final meeting on 22 March 2018 in order to finalise the solution. The P344 Workgroup voted to recommend that the Alternative solution (without customer consent) be approved as they believe it better facilitates the Applicable BSC Objective compared to the Proposed solution (with customer consent). The Workgroup requested that National Grid provide its justification for the anticipated £25-31 million development costs (attributable to both P344 and Grid Code equivalent Modification GC0097 'Grid Code Processes Supporting TERRE'). The Workgroup deemed that the respective Code Panels should be presented with this justification in order to make fully informed initial recommendations on the Modifications. The BSC Panel approved a one-month extension to the Assessment Report, in order that National Grid had the opportunity to provide this justification as part of the P344 Assessment Report, which will be presented at the May 2018 Panel meeting.

In consideration of the cost justification and Workgroup Report, at its meeting on 26 April 2018, the Grid Code Panel agreed to progress GC0097 to the Code Admin Consultation phase, equivalent to the BSC's Report Phase Consultation.

The Assessment Report will be presented at the May 2018 Panel meeting.

P354: Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level

P354 was raised on 11 January 2017 and seeks to allow the Transmission Company to provide Applicable Balancing Services Volume Data (ABSVD) for non-BM Balancing Services to BSC Central Systems for allocation to the appropriate Supplier BM Units to correct Suppliers' Energy Imbalance positions.

The IWA was presented to the BSC Panel at its meeting on 9 February 2017. Due to the concerns the Workgroup members raised over the feasibility of the proposed solution, ELEXON asked the Panel to approve an additional three month extension to the Assessment Procedure, which was granted on 13 July 2017.

At the fourth Workgroup meeting on 20 July 2017 the Workgroup agreed by majority that the P354 Assessment Procedure Consultation should be issued at the same time as the C16 informal consultation in October 2017. The C16 informal consultation aimed to capture the views of the Industry before issuing the formal C16 consultation.

Subsequently, at its meeting on 13 August 2017, the Panel approved a three month extension to the Assessment Procedure with the Assessment Report due in February 2018. The P354 Assessment Consultation and C16 informal consultation were both issued on 16 November 2017, with 17 responses received. A Workgroup meeting was held on 9 January 2018, where the Workgroup considered the responses received to the P354 Assessment Procedure Consultation.

MODIFICATIONS - UPDATES & DECISIONS

The Workgroup had asked a number of questions in the consultation to help it develop a solution that was robust for both BM and Non-BM Balancing Services providers. However, one respondent highlighted that aggregating ABSVD to Supplier Account level would create a distortion in Settlement between:-

- Suppliers as BM Unit Lead Parties, and
- Suppliers or Trading Parties as subsidiary parties to Metered Volume Reallocation Notifications (MVRNs).

Based on this comment, the Workgroup decided to change the solution to allocate ABSVD at the BM Unit level rather than the Supplier Account level. This was a material change to the solution and as such a second Assessment Procedure Consultation was issued on 15 January 2018, with responses due by 29 January 2018. An eighth Workgroup meeting was held on 1 February 2018.

ELEXON presented the P354 Assessment Report to the Panel at its meeting on 8 February 2018. The majority of the Panel (five out of 10 members plus the casting vote of the Chairman) initially believed that the P354 Alternative Modification is better than the P354 Proposed Modification and therefore recommended that the P354 Alternative Modification should be approved.

The P354 Report Phase Consultation was issued on 9 February 2018, with responses due by 23 February 2018. The P354 Draft Modification Report was presented to the Panel at its meeting on 8 March 2018. The Panel unanimously agreed that the P354 Proposed Modification (customer consent) would better facilitate Applicable BSC Objectives (a), (b), (c), (d) and (e) compared to the current baseline and the P354 Alternative Modification should therefore be rejected. The P354 Final Modification Report was submitted to the Authority for decision on 9 March 2018.

P355: Introduction of a BM Lite Balancing Mechanism (on hold – no March update)

PeakGen raised P355 on 21 June 2017. It seeks to introduce a new BM Lite classification to allow smaller Generators to offer energy to the System Operator for energy balancing, in competition with the larger BM Units already in the market. This will create direct BM access to parties without the need for a party becoming a full BSC member.

This Modification is noteworthy by the fact that the Authority granted a designation to a non-BSC Party for the purposes of raising a Modification to the Code.

The IWA was presented to the BSC Panel at its meeting on 13 July 2017. The first Workgroup meeting was held on 2 August 2017 with further Workgroup meetings held on 20 September 2017 and 23 October 2017.

The P355 Proposer has since contacted ELEXON to confirm that he believes that the Virtual BM Unit element of the P344 solution covers much of what was intended by P355. He therefore requested that we put on hold any further work for P355 until June 2018, when the Draft Modification Report for P344 is presented to the Panel. The Proposer can then make a decision as to how P355 should proceed depending on what the P344 solution is at this point. At its meeting on 14 December 2017, the Panel approved a three-month extension to the P355 timetable to June 2018. P355 is now on hold, meaning that no further Workgroup meetings will be held before this time.

P356: Aligning the BSC with Grid Code Modification GC0099 'Establishing a common approach to interconnector scheduling consistent with the single intraday market coupling processes set out within Regulation (EU) 2015/1222 (CACM)'

P356 was raised on 3 July 2017 by National Grid. P356 proposes to align the BSC with Grid Code Modification GC0099, which seeks to introduce the interconnector scheduled transfer process to the Grid Code. This is in order to establish common, cross-code provisions which are compatible with both the EU single intraday market coupling processes, and GB and EU balancing processes.

The IWA was presented to the Panel at its meeting on 13 July 2017. The first Workgroup meeting was held on 25 July 2017. P356 was issued for consultation on 9 October 2017, with responses due 27 October. ELEXON and National Grid (NGET) consultation documents were issued simultaneously with the same questions to the same audience. Respondents only needed to respond to one consultation, with replies being shared between NGET and ELEXON.

The Second Workgroup took place on 7 November 2017. At the meeting, two alternate solutions for GC0099 were suggested. In order to allow NGET to assess the two alternates and so keep P356 aligned with GC0099 in terms of progression, a two month extension to the Assessment Phase was agreed at the November 2017 Panel.

Grid Code hosted a workshop on 24 January 2018 to discuss the potential WACMs. This did not affect the planned progression and as such, the Assessment Report was presented to the BSC Panel on 8 February 2018. The P356 Report Phase Consultation was issued on 14 February 2018, with responses due by 27 February 2018. The P356 Draft Modification Report was presented to the Panel at its meeting on 8 March 2018 and the Final Modification Report was submitted to Ofgem for Authority approval on 12 March 2018. Ofgem published an indicative decision date of 20 April 2018, but have since confirmed that they are awaiting the submission of GC0099 before making a decision. P356 and GC0099 were intended to be submitted to the Authority at the same time, however, GC0099 was delayed in being submitted to the Grid Code Panel, which has had knock on effects. GC0099 was presented to the Grid Code Panel on 26 April 2018 and is expected to be submitted to the Authority around 4 May 2018.

P359: Mechanised process for GC/DC declarations

P359 was raised on 6 September 2017 by SSE. P359 seeks to introduce a new mechanised process for Generation Capacity and Demand Capacity declarations.

At its meeting on 14 September 2017, the Panel agreed with ELEXON's recommendation to send this Modification to Assessment Phase. ELEXON was not able to attract the minimum number of five members to join the P359 Workgroup, which resulted in a one month delay.

The first Workgroup meeting was held on 19 October 2017. As part of the solution development, the Workgroup requested that ELEXON conduct further analysis on eight different areas¹. The Workgroup agreed that the next meeting should be held following the completion of the analysis, to ensure that the work could be considered in its totality.

ELEXON discussed the impact this would have on the timeline with the Workgroup. Based on the required analysis, the festive period and the competing commitments from other Industry

¹ Estimated effort equivalent to two days a week for 10.5 weeks.

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Workgroups, the Workgroup agreed that it would be sensible to hold the next meeting in the New Year, which would result in a three month delay.

Due to the delay in forming the first Workgroup, and the length of time required to complete the analysis, the BSC Panel agreed a four month extension to the Assessment Procedure Consultation at the November meeting.

The second P359 Workgroup was held on 23 January 2018. In the meeting, the Workgroup agreed two sets of business requirements; one for an automated solution, another for an in-house solution. Following the meeting, ELEXON circulated draft business requirements to the Workgroup and service providers for impact assessment. ELEXON's service providers provided a response and costings to both sets of Business Requirements. In their response, ELEXON's service providers highlighted a number of enhancements to the automated solution for ELEXON to consider. As such, the business requirements for the automated solution was re-issued for a second impact assessment, to ensure that the solution is costed correctly ahead of the next Workgroup meeting. This resulted in the pre-arranged meeting being postponed by a fortnight.

The third P359 Workgroup was held on 6 March 2018. A one-month extension was approved at the March 2018 Panel meeting, with the Assessment Report due to be presented to the Panel in May 2018.

The P359 Assessment Procedure Consultation was issued on 19 March 2018, with responses due by 6 April 2018. The fourth P359 meeting took place on 20 April 2018, where the Workgroup considered the responses to the Assessment Procedure Consultation. The majority of the Workgroup believes that the P359 would better facilitate Applicable BSC Objectives (c) and (d) compared to the current baseline and so should be approved.

The Assessment Report will be presented at the May 2018 BSC Panel.

P360: Making the BSC's imbalance price compliant with the European Balancing Guideline

The European Electricity Balancing Guideline (EB GL) became law on 18 December 2017. There is a risk that the current BSC imbalance price calculations will not be compliant with Article 55 of the Guideline. It will be necessary for the BSC imbalance price calculations to be compliant within one year of the Guideline becoming law. This Modification proposes changes to the BSC to ensure that compliance is achieved.

P360 was raised by NGET on 7 September 2017 with the IWA presented to the BSC Panel on 14 September 2017. The BSC Panel asked that the first Workgroup meeting focus on the ELEXON Article 55 derogation request, specifically in relation to the cost profile and implementation timetable.

The first P360 Workgroup was held on 5 October 2017. The Workgroup concluded that without a solution, it is not possible to express a view on Article 55 derogation; nor would it be appropriate. The Workgroup identified 26 considerations, in addition to the P360 Terms of Reference, which the Workgroup would need to agree in order to come to a solution.

The second P360 Workgroup was held on 2 November 2017. The objective was to agree the principles so that a solution could be developed, and assess the 26 considerations. In the meeting, the Workgroup identified five further considerations. One of these considerations had a dependency

on NGET providing data to ELEXON to conduct detailed analysis, which ELEXON requested on 3 November 2017.

ELEXON viewed this piece of analysis as necessary to develop the P360 solution as it may be the difference between compliance and non-compliance with Article 55.

The Panel agreed a three month extension for P360 at its January 2018 meeting, resulting in the P360 Assessment Report being scheduled for the May 2018 Panel meeting. This extension was requested to allow NGET more time to provide the Balancing Services Adjustment Actions (BSAA) data that ELEXON required to complete the analysis.

On 9 February 2018, in place of the required data, NGET provided ELEXON with their current view on the composition of the data. Based on this interpretation, ELEXON was able to run a range of pricing scenarios for consideration by the P360 Workgroup.

Progress with Article 55 derogation

On 18 December 2017, the EB GL came into force, and ELEXON received the formal assignment letter from BEIS. As such, ELEXON is now directly responsible for Article 55(3), (4), (5) and (6). On receipt of the formal assignment, ELEXON requested from Ofgem, a two year derogation from Article 55(3), (4), (5) and (6).

Ofgem requested further derogation information from ELEXON on 18 January 2018, which was provided on 23 January 2018.

Ofgem provided a 'minded to' position at the April 2018 Panel meeting, that the derogation request will be rejected as there is insufficient evidence to support a breach of Article 55. NGET will withdraw P360 from the BSC change process following receipt of Ofgem's 'minded to' position to reject the Article 55 derogation request. NGET, as the proposer, has reached the view that, should Ofgem be unable to determine a non-compliance with Article 55, then it is not in the consumers interest to pursue P360 to the point where Ofgem would be required to determine whether or not there is a defect in the current BSC that could be remedied by P360.

ELEXON has not received a formal decision from Ofgem on the Article 55 derogation request. In accordance with EB GL Article 62, the deadline for Ofgem to respond is 19 June 2018 (i.e. within six months from the day after it receives the request).

A separate paper on P360 withdrawal will be presented to the Panel on 10 May 2018.

P361: Revised treatment of BSC Charges for Lead Parties of Interconnector BM Units

P361 was raised by Nord Pool Spot AS on 31 October 2017. This Modification Proposal seeks to exclude Interconnector Balancing Mechanism (BM) Unit's Credit Energy Volumes from the BSC Charges calculations, in order to align with the EU Third Package. The EU Third Package (Article 2 of Regulation 714/2009) expects Interconnectors to be treated as an extension of the Transmission System and not as Production or Consumption. However, for the purposes of calculating BSC Charges, BM Units in Great Britain are currently treated as either a Production BM Unit (generation) or a Consumption BM Unit (demand). The Proposer asserts that the treatment of Interconnector BM Units in the BSC Charges calculations are not aligned with the EU Third Package.

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The first P361 Workgroup meeting was held on Monday 8 January 2018. The Workgroup discussed the issue and the proposed solution. The Workgroup agreed to seek additional legal guidance on the defect. A second Workgroup meeting was held on 12 February 2018. The Workgroup discussed the legal guidance provided by ELEXON and agreed to seek additional external legal advice on the issues and EU law.

On 22 February 2018 Ofgem rejected the Proposer's request to treat P361 as an Urgent Modification Proposal. Ofgem did not believe the case for urgency had been clearly demonstrated.

A third Workgroup meeting was held on 13 March. In this meeting the external legal guidance was presented and discussed. Following this, the Proposer amended his solution to only exclude Interconnector BM Units Credit Energy Volumes from the Main Funding Share and SVA (Production) Funding Share calculations.

A fourth Workgroup meeting was held on 18 April 2018, where the service provider impact assessment of the Proposed solution was discussed and the Assessment Procedure Consultation documentation finalised. The Assessment Procedure Consultation was issued on the 26 April 2018, with responses due by the 15 May 2018. The next Workgroup is scheduled for 24 May 2018 where the Workgroup will review the Assessment Procedure Consultation responses. The Assessment Report is scheduled to be presented at the June 2018 Panel meeting.

P362: Introducing BSC arrangements to facilitate an electricity market sandbox

Appropriate provisions do not exist to enable pre-competitive or proof of concept testing for innovative products/services in the live BSC Settlement environment. This Modification seeks to enable the Panel to grant derogation, for a limited time, of certain BSC obligations, to participants of ELEXON's BSC sandbox.

ELEXON recommended to the Panel, at its meeting on 9 November 2017 that a Modification should be raised to introduce an electricity market sandbox into the BSC arrangements. The Panel agreed to raise the Modification Proposal in accordance with Section F2.1.1(d)(i).

A one-month extension was approved by the Panel to allow for two additional Workgroup meetings. One additional meeting was required to finish material that was outstanding from the first meeting, and a second additional meeting was needed to revise the solution following Ofgem's decision to co-ordinate sandboxes across code administrators.

Ofgem confirmed that they would coordinate a common sandbox process across all Code Administrators who would like to participate. Ofgem held a second sandbox cross-Code meeting on 16 February 2018 where it highlighted how ELEXON was taking the lead by initiating its own regulatory sandbox with P362.

The P362 Assessment Procedure Consultation was issued on 20 March 2018, with responses due by 12 April 2018. The Workgroup met on 23 April 2018 to discuss the responses. In response to the first Assessment Consultation, the Workgroup raised an Alternative Modification Proposal. The Alternative solution is identical to the Proposed solution, except that the Transmission Company will be permitted to apply for, and be granted, BSC derogation. Consequently, a second Assessment Consultation needs to be issued (scheduled for issuing by 8 May 2018) and a one month extension is requested to allow for this. This would result in the Assessment Report being presented at the June 2018 Panel meeting.

Recommendation

We invite the Panel to approve a one-month extension to the P362 Assessment Procedure.

P363: Simplifying the registration of new configurations of BM Units

P363 proposes to amend BSC Section K 'Classification and registration of Metering Systems and BM Units' to simplify the registration of new configurations of BM Units.

The Modification originated from an ELEXON review of Metering Dispensations and non-standard BM Units, with the findings and recommendations being presented to the Panel at its March 2017 meeting ([Panel 264/08 Review of Metering Dispensations and Non-Standard BM Units](#)).

The IWA was presented to the Panel in December 2017. Given the synergies between P363 and P364, they will progress together with a combined Workgroup, but will have separate consultations and reports.

The first Workgroup meeting for both Modifications was held on 5 February 2018. The second Workgroup meeting was held on Monday 5 March 2018. The third Workgroup was held on Tuesday 1 May 2018. It was planned to hold the third Workgroup early to mid-April, but this was not possible due to Workgroup member's availability. The fourth Workgroup will be held w/c 21 May 18 prior to issuing the Assessment Procedure Consultation. A fifth Workgroup meeting will be held after consulting.

The solution the Workgroup is developing is notably different from the originally proposed solution (albeit rectifying the same defect) and it is intended that it will be the same solution for P364 (as it will address the P364 defect too).

We originally intended to hold three Workgroup meetings, but it has become apparent that we will need five meetings for the Workgroup to fully develop the solution. As such, it is likely that we will not be able to present the Assessment Report to the Panel in August 2018 as originally planned. We shall review the situation ahead of the August Panel meeting.

P364: Clarifying requirements for registering and maintaining BM Units

P364 proposes to amend BSC Section K so that:

- the registration of BM Units by BSC Parties is simplified and more efficient;
- it allows a single Party to register separate BM Units for Import and Export for a Plant and Apparatus; and
- Plant and Apparatus is not considered as non-standard when more than one BSC Party is involved, but the Plant and Apparatus would otherwise be classified as a standard BM Unit e.g. where separate Parties are responsible for Import and Export of the same Plant and Apparatus.

Furthermore, this Modification proposes to amend the BSC (and associated subsidiary documents) to make it more apparent when registration details need to be updated.

The IWA was presented to the Panel in December 2017. The progression history for P364 is the same as P363 and they are being progressed together. However, they will have separate consultations and reports.

The solution the Workgroup developed is notably different from the originally proposed solution (albeit rectifying the same defect) and it is intended that it will be the same solution for P363 (as it will address the P363 defect too).

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We originally intended to hold three Workgroup meetings, but it has become apparent that we will need five meetings for the Workgroup to fully develop the solution. As such, it is likely that we will not be able to present the Assessment Report to the Panel in August 2018 as originally planned. We shall review the situation ahead of the August Panel meeting.

P365: Enabling ELEXON to tender for the Retail Energy Code (REC)

P365 was raised on 19 January 2018. This Modification seeks to enable ELEXON to participate in the process to be appointed the Retail Energy Code (REC) administrator, which is expected to occur in the near future.

The BSC Panel considered the IWA at its meeting on 8 February 2018, where it decided, on ELEXON's recommendation, to send this Modification straight to Report Phase.

The P365 Report Phase Consultation was issued on 14 February 2018, with responses due by 27 February 2018. The P365 Draft Modification Report was presented to the Panel at its meeting on 8 March 2018.

ELEXON issued the Final Modification Report to the Authority on 14 March 2018. The Authority approved P365 on 10 April 2018 for implementation on 17 April 2018, five Working Days following approval.

P366: Amending Supplier Charge SP08a to exclude hard-to-read sites

P365 was raised on 26 April 2018. The Modification proposes to amend how Supplier Charge SP08a is applied to Non Half Hourly non-domestic Meters that are hard-to-read (HTR). This will be achieved in two parts. Firstly, P366 will create a process to identify and approve HTR sites. Secondly, P366 will create a process whereby HTR sites, identified at Metering System Identification (MSID) level, will be excluded from SP08a calculations. Only SP08a Supplier Charges will be affected. HTR sites will still be included in all other Settlement and PARMS calculations, where relevant. P366 will not affect the management of Settlement Risk.

The IWA is being presented at the May Panel meeting with a recommendation that P366 should proceed to the Assessment Phase.

CP1503: Changes to European Transparency Regulation data to align with latest ENTSO-e Manual of Procedures

European Network of Transmission System Operator for Electricity (ENTSO-e) has announced changes to the Manual of Procedures (MoP) that impact the transparency data required from GB market participants and National Grid. This requires changes to the Balancing Mechanism Reporting Service (BMRS) to receive and publish this data before forwarding it to the Electricity Market Fundamental Information Platform.

The latest changes to the MoP impact mainly National Grid, and BMRS. To fulfil the obligation under the Transparency Regulation, data submitted by National Grid/BMRS must conform to the latest effective MoP. ENTSO-e have allowed those affected by the change in MoP until December 2018 to make these system changes.

This Change Proposal was presented to the Imbalance Settlement Group (ISG) on 20 February 2018. It was sent for CP Consultation on 05 March, with responses due on 29 March. ELEXON presented this CP to the Panel at its meeting on 12 April 2018 for decision. The Panel approved CP1503 for implementation as part of the scheduled November 2018 release. CP1503 was presented to the Panel, instead of to the ISG (the Committee responsible for the impacted documents), as the implementation costs exceeded the ISG Terms of Reference approval threshold of £150k.

CP1504: Amend BSCP201's references to dual/single pricing following implementation of P305

Following the Implementation of [P305 'Electricity Balancing Significant Code Review Developments'](#), references to dual and single imbalance pricing in BSCP201 'Black Start and Fuel Security Contingency Provisions and Claims Processes' need to be updated in order to restore the clarity of the text. BSCP201 describes the steps to be taken if there is a Black Start or Fuel Security event. In such circumstances the Secretary of State can direct the Panel to determine and apply a special single imbalance price. P305, implemented in November 2015, replaced the dual imbalance pricing with a single imbalance price. BSCP201's references to replacing dual pricing with a single imbalance price (following a Black Start event) could cause confusion with the new single imbalance price introduced by P305 and should be amended.

CP1504 was raised by ELEXON on 2 March 2018. As CP1504 consists of simple redlining changes that are almost identifiable as housekeeping changes, for efficiency CP1504 was progressed straight to CP Consultation stage. CP1504 was issued for consultation on 5 March 2018, with responses due on 29 March 2018. CP1504 was approved by the Panel, as the owner of BSCP2301, on 12 April 2018, for implementation 1 November 2018 as part of the November 2018 BSC Release.

CP1505: Allowing 'off site' Commissioning of current transformers preinstalled in cut outs or switchgear at manufacture for use in low voltage (LV) installations`

CoP4 details the requirements of commissioning Metering Equipment for settlement purposes in LV installations to be done 'on site'. This is not always reasonably practical or physically possible and should be updated to allow 'off site' commissioning of current transformers. In some installations current transformers are delivered in sealed units and have already been tested (and certain requirements of CoP4 confirmed) by the manufacturer 'off site'. In these instances it may not be cost

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effective to complete all commissioning tests 'on site'. Furthermore for some sealed units it may not be possible to access the current transformers and so meaningful commissioning tests cannot be completed 'on site'.

CP1505 was raised by ELEXON on 12 March 2018. CP1505 was presented to the ISG for information on 20 March 2018 and to the SVG for information on 27 March 2018. It was issued for CP Consultation on 9 April 2018, with responses due by 4 May 2018. CP1505 will be presented to ISG and SVG for decision on 22 May and 29 May 2018 respectively.

Issue 69: Performance Assurance Framework Review

ELEXON raised Issue 69 on 30 March 2017.

The current Performance Assurance Framework (PAF) provides for a flexible, integrated approach to the deployment of Performance Assurance Techniques. ELEXON and the Performance Assurance Board (PAB) are aware of opportunities to further enhance the application of the risk-based PAF envisaged in [P207 'Introduction of a new governance regime to allow a risk based Performance Assurance Framework \(PAF\)'](#) to utilise and reinforce its effectiveness to address the challenges of a changing industry.

At its March 2017 meeting, the BSC Panel approved the scope and delivery approach of the PAF review, which has been divided into the following four work streams.

- Smart Metering;
- PAF procedures;
- Data Provision; and
- Performance Assurance Techniques.

This Issue Group will explore the issues and identify possible solutions for each work stream.

The first work stream was Smart Metering. Two meetings were held on 25 April 2017 and 24 May 2017. The interim Issue Report for Smart Metering was presented to the PAB in June 2017, and tabled at the BSC Panel in July 2017. ELEXON took a paper to the November 2017 PAB meeting that provided recommendations on mitigating the key smart risk areas identified. A high risk area was identified in relation to the Supplier-Agent interface and as a result [CP1500 'Amend the BSCP537 Appendices to add a requirement for Suppliers and MOAs to demonstrate the ability to send and receive Smart Meter Configuration details'](#) was raised, seeking to include the D0367 data flow in the Qualification process.

The second workstream 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.

The first Workgroup on PAF procedures was held on 17 January 2018. In the meeting, ELEXON 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. Additionally, ELEXON presented a related draft Modification Proposal ('Amendments to Section Z to better facilitate the production of the Risk Evaluation Methodology, Risk Evaluation Register and Risk Operating Plan') and associated draft redlined Legal text to the Workgroup in order to gain their endorsement toward its principles. The third meeting for this workstream is planned for mid-June 2018.

We will invite the Panel to raise this Modification Proposal at the June 2018 Panel meeting.

Progress of Modifications

The below provides a summary of the progress of all open Modifications. Full details can be found in the [Change Register](#).

Mod	Title	Proposer	Date Raised	Urgent
P297	Receipt and Publication of New and Revised Dynamic Data items	National Grid	24 Jul 13	No
P332	Revisions to the Supplier Hub Principle	Smartest Energy	28 Jan 16	No
P344	Project TERRE implementation into GB market arrangements	National Grid	01 Jun 16	No
P350	Introduction of a seasonal Zonal Transmission Losses scheme	National Grid	05 Jul 16	No

Apr	May	Jun	Jul	Aug	Sep
Awaiting Implementation					
Assessment	Panel Update				
	Assessment Report	Draft Modification Report			
Implementation					

Progress of Modifications

The below provides a summary of the progress of all open Modifications. Full details can be found in the [Change Register](#).

Mod	Title	Proposer	Date Raised	Urgent
P354	Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level	ENGIE	11 Jan 17	No
P355	Introduction of a BM Lite Balancing Mechanism	PeakGen	21 Jun 17	No
P356	Aligning the BSC with Grid Code Modification GC0099	National Grid	03 Jul 17	No
P359	Mechanised process for GCDC declarations	SSE	06 Sep 17	No

Apr	May	Jun	Jul	Aug	Sep
Awaiting implementation					
Assessment					
Awaiting implementation					
	Assessment Report	Draft Modification Report	Awaiting Implementation		

Progress of Modifications

The below provides a summary of the progress of all open Modifications. Full details can be found in the [Change Register](#).

Mod	Title	Proposer	Date Raised	Urgent
P360	Making the BSC's imbalance price compliant with the European Balancing Guideline	National Grid	07 Sep 17	No
P361	Revised treatment of BSC charges for Lead Parties of Interconnector BM Units	Nord Pool Spot AS	31 Oct 17	No
P362	Introducing BSC arrangements to facilitate an electricity market sandbox	BSC Panel	09 Nov 17	No
P363	Simplifying the registration of new configurations of BM Units'	Green grog power	07 Dec 17	No

Apr	May	Jun	Jul	Aug	Sep
		Assessment Report	Draft Modification Report		
		Assessment Report	Draft Modification Report		
	Assessment Report	Draft Modification Report			
Assessment				Assessment Report	Draft Modification Report

Progress of Modifications

The below provides a summary of the progress of all open Modifications. Full details can be found in the [Change Register](#).

Mod	Title	Proposer	Date Raised	Urgent
P364	Clarifying requirements for registering and maintaining BM Units	Green Frog Power	07 Dec 17	No
P365	Enabling ELEXON to tender for the Retail Energy Code (REC)	Hudson Energy	19 Jan 18	No
P366	Changes to Supplier Charges on 'hard-to-read' NHH sites	Orsted	26 Apr 18	No

Apr	May	Jun	Jul	Aug	Sep
Assessment				Assessment Report	Draft Modification Report
Implementation					
IWA	Assessment				

Progress of Change Proposals

The below provides a summary of the progress of all open Change Proposals. Full details can be found in the [Change Register](#).

CP	Title	Proposer	Date Raised
CP1495	Introduction of a rejection response dataflow for a D0170 request from the Meter Operator Agent to the Licenced Distribution System Operator where a D0215 response is required.	ELEXON	03 Oct 17
CP1496	Introduction of two data flows for the Commissioning process for Half Hourly (HH) Supplier Volume Allocation (SVA) Current Transformer (CT) operated Metering Systems	ELEXON	16 Oct 17
CP1497	Introduction of data flows for Half Hourly Meter Operator Agents to pass on Commissioning information when there is a Change of Agent	ELEXON	16 Oct 17

Apr	May	Jun	Jul	Aug	Sep
Awaiting Implementation					
Awaiting Implementation					
Awaiting Implementation					

Progress of Change Proposals

The below provides a summary of the progress of all open Change Proposals. Full details can be found in the [Change Register](#).

CP	Title	Proposer	Date Raised
CP1498	Updates to BSCP537 Appendix 1 'Self-Assessment Document' to incorporate an additional question for Meter Operator Agents on Meter Operation Code of Practice Agreement Accreditation	ELEXON	23 Nov 17
CP1499	Updates to BSCP537 Appendix 1 to incorporate an additional question for Suppliers on Meter Operation Code of Practice Agreement Accreditation for Meter Operator Agents	ELEXON	23 Nov 17
CP1500	Amend BSCP537 to add a requirement for Suppliers and MOAs to demonstrate the ability to send and receive Smart Meter Configuration details	ELEXON	08 Jan 17

Apr	May	Jun	Jul	Aug	Sep
Awaiting Implementation	Awaiting Implementation	Implementation			
Awaiting Implementation	Awaiting Implementation	Implementation			
ISG, PAB and SVG	Awaiting Implementation	Implementation			

Progress of Change Proposals

The below provides a summary of the progress of all open Change Proposals. Full details can be found in the [Change Register](#).

CP	Title	Proposer	Date Raised
CP1501	Correction to P302 footnote in BSCP504	ELEXON	19 Jan 18
CP1502	Removal of the requirement to submit sampling data for Profile Classes 5-8 following the implementation of P272	ELEXON	19 Jan 18
CP1503	Changes to European Transparency Regulation data to align with latest ENTSO-e Manual of Procedures	National Grid	12 Feb 18
CP1504	Amend BSCP201's references to dual/single pricing following implementation of P305	ELEXON	02-Mar-18

Apr	May	Jun	Jul	Aug	Sep
Awaiting Implementation		Implementation			
SVG	Awaiting Implementation	Implementation			
Panel	Awaiting Implementation				
Panel	Awaiting Implementation				

Progress of Change Proposals

The below provides a summary of the progress of all open Change Proposals. Full details can be found in the [Change Register](#).

CP	Title	Proposer	Date Raised
CP1505	Allowing "off-site" Commissioning of current transformers preinstalled in cut outs or switchgear at manufacture for use in low voltage (LV) installations	GTC (ETCL & IPNL)	GTC (ETCL & IPNL)

Apr	May	Jun	Jul	Aug	Sep
CP Consultation	ISG and SVG	Awaiting Implementation			

This section provides details on upcoming Panel decisions, Consultations and Impact Assessments.

Panel Decisions

[P344](#): Assessment Report will be presented to the Panel at its meeting on 10 May 2018.

[P359](#): Assessment Report will be presented to the Panel at its meeting on 10 May 2018.

[P362](#): We invite the Panel to approve a one-month extension to the P362 Assessment Procedure.

[P366](#): Initial Written Assessment will be presented to the Panel at its meeting on 10 May 2018.

Authority Decisions

[P354](#): Final Modification Report submitted to the Authority on 12 March 2018.

[P356](#): Final Modification Report submitted to the Authority on 12 March 2018.

Industry Consultations

[P361](#): Was issued for Assessment Procedure Consultation on 26 April 2018, with responses due by 15 May 2018.

[P362](#): Will be issued for second Assessment Procedure Consultation on 8 May 2018, with responses due by 22 May 2018.

BSC SYSTEMS ROADMAP – SCOPE & DELIVERY UPDATES

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

June 2018 BSC Release - 28 June 2018			
Change Number	Title of Change	BSC Central Systems/ Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
CP1498	Updates to BSCP537 Appendix 1 'Self-Assessment Document' to incorporate an additional question for Meter Operator Agents on Meter Operation Code of Practice Agreement Accreditation	Document	Confirmed
CP1499	Updates to BSCP537 Appendix 1 'Self-Assessment Document' to incorporate an additional question for Suppliers on Meter Operation Code of Practice Agreement Accreditation for Meter Operator Agents	Document	Confirmed
CP1500	Amend the BSCP537 Appendices to add a requirement for Suppliers and MOAs to demonstrate the ability to send and receive Smart Meter Configuration details	Document	Confirmed
CP1501	Correction to P302 footnote in BSCP504	Document	Confirmed
CP1502	Removal of the requirement to submit sampling data for Profile Classes 5-8 following the implementation of P272	Document	Confirmed

BSC SYSTEMS ROADMAP – SCOPE & DELIVERY UPDATES

November 2018 BSC Release - 1 November 2018			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
P297	Receipt and Publication of New and Revised Dynamic Data items	System	Confirmed
P356	Aligning the BSC with Grid Code Modification GC0099 'Establishing a common approach to interconnector scheduling consistent with the single intraday market coupling processes set out within Regulation (EU) 2015/1222 (CACM)'	Document	Pending
P359	Mechanised process for GC/DC declarations	System	Pending
CP1495	Introduction of a rejection response dataflow for a D0170 'Request for Meter System Related Details' request from the Meter Operator Agent to the Licenced Distribution System Operator where a D0215 'Provision of Site Technical Details' response is required.	Document	Confirmed
CP1496	Introduction of two data flows for the Commissioning process (implemented with P283) for Half Hourly (HH) Supplier Volume Allocation (SVA) Current Transformer (CT) operated Metering Systems	Document	Confirmed
CP1497	Introduction of data flows for Half Hourly Meter Operator Agents to (HHMOA) pass on Commissioning information when there is a Change of Agent (CoA)	Document	Confirmed
CP1503	Changes to European Transparency Regulation data to align with latest ENTSO-e Manual of Procedures	System	Confirmed
CP1504	Amend BSCP201's references to dual/single p	Document	Confirmed
CP1505	Allowing "off-site" Commissioning of current transformers preinstalled in cut outs or switchgear at manufacture for use in low voltage (LV) installations	Document	Pending

BSC SYSTEMS ROADMAP – SCOPE & DELIVERY UPDATES

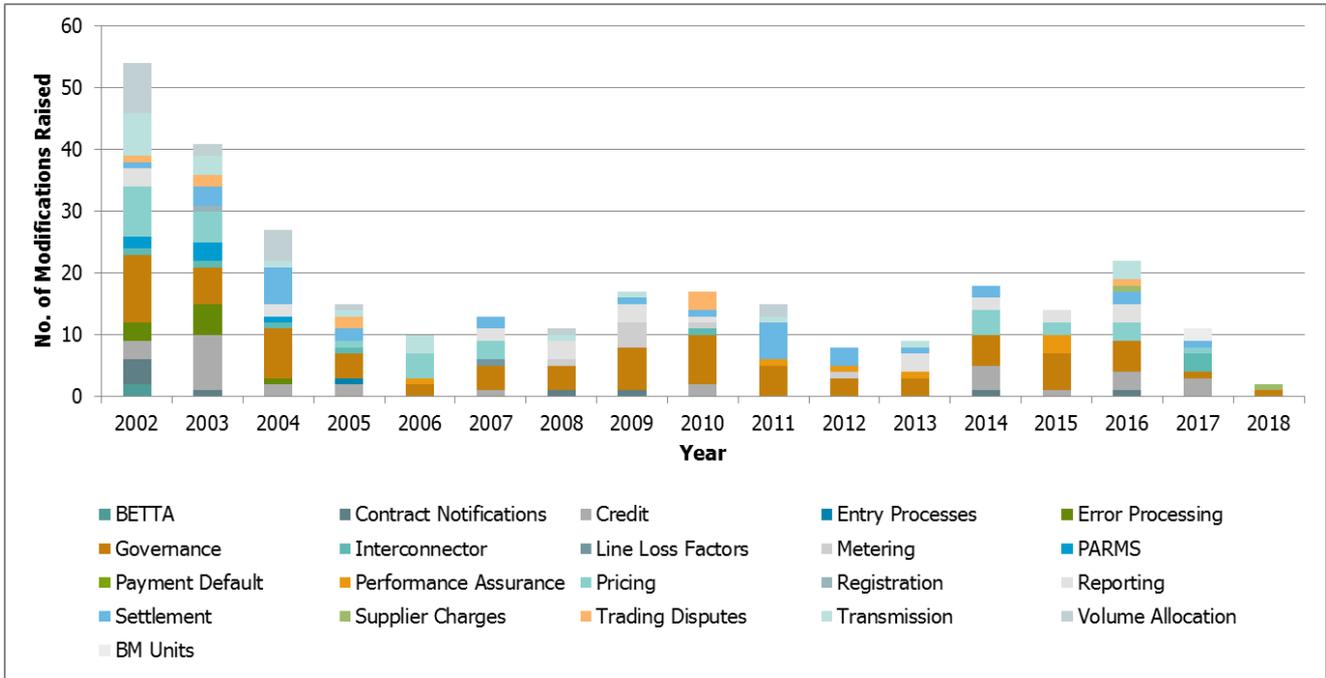
February 2019 BSC Release - 22 February 2019			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
P344	Project TERRE implementation into GB market arrangements	System	Pending
P361	Revised treatment of BSC charges for Lead Parties of Interconnector BM Units	System	Pending

Standalone Releases - 1 April 2019			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
P354	Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level	System	Pending

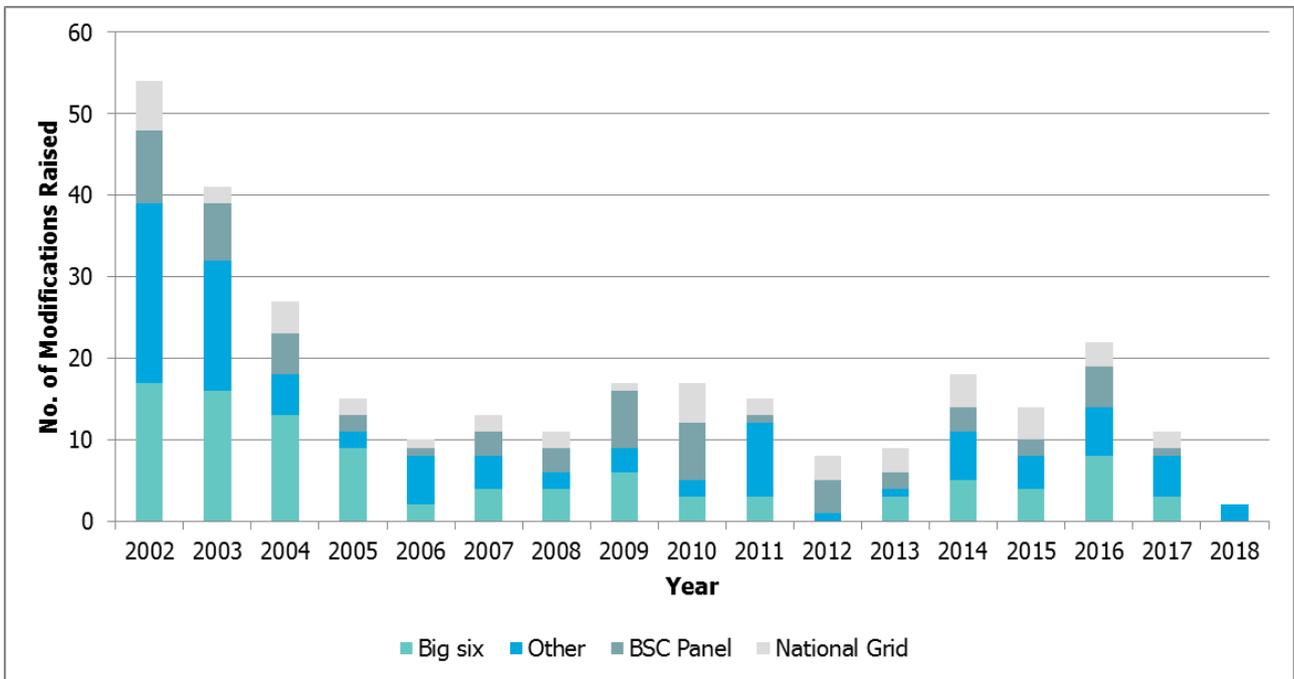
TBC Release Date			
Change Number	Title of Change	BSC Central Systems/Document only impacts	Ofgem/BSC Panel/Panel Committee Approval Status
P332	Revisions to the Supplier Hub Principle	System	Pending
P355	Introduction of a BM Lite Balancing Mechanism	System	Pending
P362	Introducing BSC arrangements to facilitate an electricity market sandbox	Document	Pending
P363	Simplifying the registration of new configurations of BM Units'	Document	Pending
P364	Clarifying requirements for registering and maintaining BM Units	Document	Pending

Modification Trend Charts

Categories of Modifications Raised



Raising Party for Modifications



Modification Trend Charts

Drivers of Modifications Raised

