

Phase

Initial Written Assessment

Definition Procedure

Assessment Procedure

Report Phase

Implementation

P320 'Reporting on Profile Classes 5-8 Metering Systems after the implementation of P272'

The implementation of P272 would require Profile Class 5-8 Metering Systems to be Half Hourly settled and would require changes to PARMS and Supplier Charges to report any non-compliance.

P320 proposes that the required changes to PARMS and Supplier Charges that were introduced by P272 should be removed. Instead, a Committee report should be introduced to monitor the implementation of P272.



The P320 Workgroup recommends **approval** of P320

This Modification is expected to impact:

- Suppliers
- ELEXON

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Contact

Oliver Xing

020 7380 4276

oliver.xing@elexon.co.uk



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About This Document

This document is the P320 Workgroup's Assessment Report to the BSC Panel. ELEXON will present this report to the Panel at its meeting on 9 July 2015. The Panel will consider the Workgroup's recommendations, and will agree an initial view on whether this change should be made. It will then consult on this view before making its final recommendation to the Authority on 13 August 2015.

There are three parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, benefits/drawbacks and proposed implementation approach. It also summarises the Workgroup's key views on the areas set by the Panel in its Terms of Reference, and contains details of the Workgroup's membership and full Terms of Reference.
- Attachment A contains the draft redlined changes to the BSC for P320.
- Attachment B contains the full responses received to the Workgroup's Assessment Procedure Consultation.

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Why Change?

Approved Modification [P272 'Mandatory Half Hourly Settlement for Profile Classes 5-8'](#) requires changes to the Performance Assurance Reporting and Monitoring System (PARMS) to capture and report any non-compliance after the implementation of P272.

The Proposer contends that the purpose of the non-compliance reporting will be better achieved by a regular Committee report to the Performance Assurance Board (PAB), rather than through PARMS. This view is supported by the [Issue 59 'Consideration of the PARMS and Supplier Charge changes introduced by P272 and P300'](#) Group.

Solution

[P320 'Reporting on Profile Classes 5-8 Metering Systems after the implementation of P272'](#) will remove the PARMS reporting requirement introduced by P272. Instead, a monthly Committee report should be produced and submitted to the PAB by no later than 1 April 2016. The PAB may, separate to this Modification, require such report be submitted to it before 1 April 2016 as it deems appropriate. The report can also be shared with the BSC Panel or other Panel Committees as requested.

Impacts & Costs

The central implementation cost includes a one-off system cost of approximately £12,500 and an ongoing cost of approximately £6,600 per year for the production of the monthly Committee report. This ongoing cost will be reduced if the reporting frequency is reduced in the future.

There will be no cost to industry participants to implement the proposed solution.

ELEXON and Suppliers will also achieve an estimated total cost saving of at least £250,000 from not making and subsequently maintaining the mandatory PARMS changes introduced by P272.

Implementation

The Workgroup recommends an Implementation Date for P320 of 1 April 2017, which is in line with the revised P272 Implementation Date.

Recommendation

The Workgroup unanimously believes that P320 will better facilitate Applicable BSC Objective (d). Three out of the six Workgroup members believe that P320 will also better facilitate Applicable BSC Objective (c), with the other three members believing that P320 will be neutral against this objective. The Workgroup therefore unanimously recommends that P320 Proposed Modification should be approved.



P272 requirements on PARMS reporting

Approved Modification P272 will mandate all Metering Systems in Profile Class (PC) 5-8 with Advanced Meters to be Half Hourly (HH) settled from 1 April 2016. As part of the solution, changes have been proposed to PARMS to monitor P272's implementation as follows:

- creation of a new PARMS Serial, with no associated Supplier Charge, to report on the number of PC5-8 Metering Systems that do not have an Advanced Meter installed; and
- an amendment to the existing PARMS Serial SP04 'Installation of Half Hourly Metering' to include those PC5-8 Metering Systems with Advanced Meters that are not HH settled and the application of its associated Supplier Charge to such non-compliance.

To implement the required changes to PARMS, ELEXON and Suppliers would need to carry out system changes accordingly. ELEXON estimates the total implementation cost will be at least £250,000 across the industry. The breakdown of this cost is described in Section 4. There would be an additional, albeit minimal, ongoing cost for each Supplier to maintain these PARMS changes and produce the extracts each month.

What is the issue?

The Proposer contends that the implementation of P272 will introduce an enduring reporting mechanism under PARMS to report on non-compliances that will be temporary. This is because the total number of PC5-8 Metering Systems will decrease following the implementation of P272, with limited number of new PC5-8 Metering Systems being registered after this time due to Metering Systems that might switch from PC3-4 into PC5-8 and new connections. If a new PARMS Serial is introduced to capture such non-compliance, it will report on a very small number Metering Systems when the Non Half Hourly (NHH) to HH transition under P272 is completed. If this PARMS Serial needs to be removed in the future, a further Modification will need to be raised. The costs to the industry to implement these changes outweigh the benefits of such reporting.

P272 requires that Supplier Charges under PARMS Serial SP04 be levied on Suppliers who do not HH settle PC5-8 Metering Systems with Advanced Meters. The Proposer contends that it is possible that Suppliers may not comply, despite reasonable efforts being taken. For example there could be Metering Systems that are in a location where they cannot be remotely read due to legitimate communication limitations. In such circumstances, it is not appropriate to impose charges on Suppliers.

Furthermore, Supplier Charges may not be the most effective way to enforce the NHH to HH transition under P272. The Issue 59 Group flagged up that Parties may choose to deliberately incur and pay Supplier Charges as a commercial decision (i.e. if it is ultimately cheaper to pay the charges as a result of being non-compliant than to invest money to resolve these non-compliances or lose a customer).

PARMS

PARMS is a database containing information about how Suppliers and their Supplier Hubs are performing. Suppliers, Supplier Agents, Supplier Meter Registration Agents and the Supplier Volume Allocation Agent can submit data into PARMS. ELEXON uses PARMS to monitor Supplier Performance under BSC obligations and manage Settlement Risks.

PARMS data is divided into Serials. A Serial is a defined area for measuring a Supplier or Supplier Agent's performance against key industry processes. Supplier Charges are incurred for underperformance against six PARMS Serials.

PARMS Serial SP04

BSC Section L 'Metering' 2.1.1 requires that 100kW SVA Metering Systems shall be HH Metering Equipment. PARMS Serial SP04 captures the number of 100kW Metering Systems that do not have HH Metering Equipment installed for Suppliers. Supplier who fails to comply with Serial SP04 shall be liable, in relation to each relevant Metering System, to a current charge of £4.06 per day.

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Proposed solution

P320 will remove the relevant paragraphs that require PARMS changes introduced by P272.

The Workgroup recommended¹ that a standalone Committee report should be created to report on P272 implementation and any non-compliance. This report should be presented to the PAB on a monthly basis or as the PAB deems appropriate. It should be noted that the Committee report is not a part of the P320 solution, but is instead a recommendation to the PAB as a replacement for the PARMS reporting that P320 would remove. The PAB can therefore elect to commence any such report at any time it wishes, irrespective of P320's progression.

Committee report to the PAB

The Committee report should be produced for the PAB by no later than 1 April 2016 for the purpose of monitoring P272 implementation. The PAB may request that the report is produced for them at any time prior to 1 April 2016, as it deems appropriate.

The Workgroup believes that the information in the Committee report should be obtained from the Electricity Central Online Enquiry Service (ECOES) and contains at least the following information:

- Supplier ID
- Supplier Effective From Date
- Metering Point Administration Number (MPAN)
- Meter type
- Profile Class
- Measurement Class
- Installation date
- Standard Settlement Configuration (SSC)
- Line Loss Factor Class (LLFC)
- Energisation status

The Committee report will be used to inform the PAB of any non-compliance under P272. This will allow the PAB to discharge its Performance Assurance techniques in conjunction with the Committee report, including the Error and Failure Resolution (EFR) process, the BSC Audit and reporting of Business Unit Settlement Risk Ratings (BUSRR).

The PAB shall be the owner of the Committee report, who will be responsible to review the contents and the frequency of reporting. The PAB shall also determine whether and when the report should be reduced in frequency or potentially terminated, if it sees no value of such report after the NHH to HH transition under P272 is completed.

¹ The Modification solution would remove the PARMS requirements introduced by P272. The legal text of P320 does not mandate that the Committee report should be produced, although it was recommended by the Workgroup as a replacement of the PARMS reporting of P272.

Measurement Classes

The Measurement Class of a Metering System reflects how it is settled i.e. HH or NHH. From 5 November 2015, there will be seven Measurement Classes:

- A: NHH metered
- B: NHH Unmetered Supply (UMS)
- C: 100kW or above HH metered
- D: HH equivalent UMS
- E: HH current transformer (CT) Metering Systems that have site specific DUoS billing and are not 100kW Metering Systems
- F: domestic HH CT and whole current (WC) Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems
- G: non-domestic HH WC metered Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems

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Legal text

The P320 proposed solution requires changes to BSC Section S Annex S-1 'Performance Levels and Supplier Charges'. The proposed solution will remove the relevant approved changes that will be introduced under P272. The draft legal text change can be found in Attachment A.

Are there any alternative solutions?

The Workgroup considered an alternative solution suggested by a consultation respondent, where the D0082 'Supplier Purchase Matrix Report' data flow could be used to report the number of energised Metering Systems in PC5-8 that are not HH settled for PARMS Serial SP04, with a reduced SP04 charge. However, the Workgroup was not convinced that this approach was better than the proposed solution (see Section 6 for details) and did not progress this solution further.

The Workgroup therefore concluded that there are no potential alternative solutions to P320 that would be better than the proposed solution.

Estimated implementation costs of P320

Central costs

The total central implementation costs for the production of monthly Committee report to the PAB consists of a one-off cost of approximately £12,500 and an ongoing annual cost of £6,600. However this ongoing cost will be reduced if less frequent reports are required.

Breakdown of the costs

ELEXON will incur a one-off cost of approximately £12,500 to establish a database to store the data required to produce the Committee report for the PAB.

ELEXON will be required to purchase monthly data from the ECOES service provider and produce the Committee report for the PAB. An indicative cost of the ECOES data will be approximately £550 per month, which sums to £6,600 per annum. If the PAB determines to reduce the frequency of the report to quarterly in the future, when it sees less value of monthly reports, it will cost approximately £750 per report, which sums to £3,000 per annum. The costs for ELEXON to produce the reports for the PAB can be absorbed into 'business as usual' cost.

Industry costs

There is not expected to be any costs to industry participants to implement the P320 proposed solution.

Cost-savings arising from P320

It should be noted that if the PARMS reporting under P272 was to continue, the costs to implement the required PARMS changes will be approximately £20,000 for BSC central systems and at least £5,000 for each Supplier to change their own systems. The total cost to implement the PARMS changes will be at least £250,000 across the industry. Therefore the P320 proposed solution will result in cost savings.

P320 impacts

Impact on BSC Parties and Party Agents	
Party/Party Agent	Impact
Suppliers	Suppliers will not be required to make the system changes to PARMS introduced by P272.

Impact on Transmission Company

None anticipated.

Impact on BSCCo	
Area of ELEXON	Impact
BSC Operations	<p>BSC Operations will be required to have a contract in place with the ECOES service provider to ensure a regular provision of data.</p> <p>BSC Operations will be required to produce the Committee report to the PAB for monitoring purposes.</p> <p>A new database will be created to store the data.</p>
PAF	There will be a potential increase in workload as a result of the PAB discharging its Performance Assurance techniques to enforce Suppliers to comply with the P272 requirements.

Impact on BSC Systems and process	
BSC System/Process	Impact
PARMS	The changes to PARMS introduced by P272 will no longer be required.

Impact on Code	
Code Section	Impact
Section S Annex S-1	The approved changes to the relevant paragraphs introduced by P272 will be removed. See Attachment A for detail.

Impact on Code Subsidiary Documents	
None anticipated.	

Cross Code Impact on Master Registration Agreement Service Company (MRASCo)	
Area of MRASCo	Impact
MRA Executive Committee (MEC)	The MEC will need to grant a licence to ELEXON for it to use the ECOES data.
C&C Group (ECOES service provider)	Upon the MEC's approval, C&C Group will need to establish a data transfer mechanism to provide the ECOES data to ELEXON on a regular basis.

Recommended Implementation Date

The Workgroup believes that the Implementation Date of P320 should align with the Implementation Date of P272, so that P320 will remove the relevant approved legal text changes that will be introduced by P272 on the same day.

The Workgroup therefore recommends an Implementation Date for P320 of **1 April 2017** if the Authority's decision is received on or before 1 December 2016.

The Workgroup initially put forward a proposed Implementation Date for P320 of 1 April 2016, in line with the original approved Implementation Date for P272. Since the final Workgroup meeting, the Authority approved a 12-month extension to the P272 Implementation Date. In line with the Workgroup's recommendation, the proposed Implementation Date for P320 is now 1 April 2017.

Except for one Party, all the consultation respondents agreed with the Workgroup's proposed Implementation Date. The respondent believed that P320 should be implemented on 5 November 2015, in line with the P300 Implementation Date. However this would not be possible as P320 proposes to remove the relevant legal text that will be introduced by P272 on the same Implementation Date.

Is using a PARMS Serial efficient for P272 reporting?

The Workgroup believed that the number of PC5-8 Metering Systems following the implementation of P272 will decrease but not disappear. Since PARMS Serials report Parties' performance on an enduring basis, if changes to PARMS Serials are introduced to capture these, they may become unnecessary after the NHH to HH transition under P272 is completed. As a result, a further Modification will be required to remove these PARMS Serials if they were no longer needed. This will result in further costs for market participants to remove this PARMS Serial when it is no longer needed. This view of the Workgroup was supported by a vast majority of consultation respondents. One respondent also noted that they will still incur ongoing costs to support this PARMS Serial if it becomes unused but remains in the system.

The Workgroup also noted concerns raised by the Issue 59 Group that it is possible that a Supplier cannot comply despite reasonable efforts being taken. For example there could be Metering Systems that are in locations where they cannot be remotely read due to legitimate communication limitations. The associated Supplier Charges will impose charges on Suppliers for non-compliance regardless of the reasons of being non-compliant. The Ofgem representative clarified that, in line with the Standard Licence Condition (SLC), a Meter will not be an Advanced Meter if it does not have a workable communication to allow Suppliers to collect HH Meter readings, and therefore PARMS Serials should not apply to such Meters. The Workgroup agreed with this view, but still had a concern that in reality a Meter Operator will not always be able to accurately identify these Meters and therefore could mistakenly report them under PARMS Serials.

The Workgroup concluded that a Committee report that captures the same non-compliance information will be a better fit for the reporting purpose and result in cost savings. It would also allow for some qualitative information to be provided by Suppliers.

Committee report

Effectiveness of the Committee report vs PARMS

The Workgroup agreed with the Issue 59 Group's view that imposing Supplier Charges under PARMS on Suppliers who do not HH settle PC5-8 Metering System may not be an effective driver for them to comply.

Suppliers may choose to deliberately incur and pay Supplier Charges as a commercial decision, should it be cheaper for them to pay the charges as a result of being non-compliant than invest money to resolve these non-compliances. It was also noted that Supplier Charges are capped for each Supplier to limit each Party's liability in any one reporting period, meaning that additional Supplier Charges will be voided for those Suppliers who have already reached their caps in a given period.

ELEXON presented to the Workgroup its analysis on additional Supplier Charges that Suppliers are likely to incur from P272 non-compliance, if the required PARMS Serial changes were made. The analysis showed that the majority of Suppliers either have already reached or are very close to their Supplier Charge caps, meaning that any additional Supplier Charges incurred would not be seen by the Suppliers. Therefore the financial incentive for Suppliers to comply with P272 via PARMS and Supplier Charges is very weak. This analysis can be found in Attachment C.

The Workgroup believed that other techniques within the Performance Assurance Framework (PAF) overseen by the PAB are more effective incentives for Suppliers to comply with P272 requirements. Suppliers who continue to be non-compliant may face the risks of being escalated to the BSC Panel and, in a worst case scenario, having their BSC Licence removed². A Workgroup member with a Supplier background agreed that Parties may take reputational impacts more seriously than capped financial penalties.

ELEXON advised the Workgroup that the PAB should use the Committee report in conjunction with its Performance Assurance techniques. There are several options available to the PAB, including the EFR process, the BSC Audit and BUSRRs, which it can discharge to ensure that Suppliers comply with P272 requirements. A Workgroup member believed that the EFR process has resulted in marked improvement in the number and resolution of non-compliance issues in recent years.

Owner of the Committee report and data confidentiality concerns

The Workgroup unanimously believed that the PAB should be the owner of this Committee report, as Supplier performance and compliance will fall into its remit. The PAB should also review the contents and the frequency of the report from time to time, in light of the value that the report provides at different stages of P272's implementation.

One member suggested that the Committee report will provide information on how the PC5-8 market transitions from NHH to HH and that the BSC Panel should also be able to see the report if it wishes to.

One consultation respondent requested that the Committee report should be made available to a wider audience. However the Workgroup disagreed with this view as the report may contain commercially sensitive data, although members did consider whether a public version of any report could be produced instead.

The Workgroup agreed the Committee report will only be presented to the PAB, and possibly to the Panel, in a confidential session. Panel and PAB Members would have signed a confidentiality agreement when they joined the Committees, therefore there should not be any concerns over data confidentiality of the report.

Contents of the Committee report and source of data

The Workgroup believed the Committee report should focus on PC5-8 Metering Systems with Advanced Meters installed that are still being NHH settled. In order to provide sufficient information to monitor this, the Workgroup specified that the following data would need to be included in the Committee report:

- Supplier ID
- Supplier Effective From Date
- MPAN
- Meter type

² When Suppliers incur non-compliances that result in Settlement Risks, they enter into the EFR process. Once a Supplier is in the EFR process, ELEXON will require it to submit resolution plans and will monitor the progression. A failure to resolve non-compliances will result in escalation to the PAB, where the Supplier will be required to agree an action to resolve the non-compliance. If the PAB believes that the non-compliance issue is persistent or material, it can further escalate the issue to the BSC Panel, who can initiate Removal of Qualification or the BSC Default process.

- Profile Class
- Measurement Class
- Installation date
- SSC
- LLFC
- Energisation status

ELEXON advised the Workgroup the required data can be obtained from ECOES for monthly, quarterly or ad-hoc frequencies. However, this will require ELEXON to establish a new database to receive and store the data.

ELEXON also receives quarterly extracts of Falcon³ data from Distribution System Operators (DSOs). However, this data does not contain Meter type and Measurement Class information, and so would not provide sufficient information to determine whether Advanced Meters have been fitted.

One consultation respondent believed that another approach could be using the D0082 data flow to report the number of energised Metering Systems in PC5-8 that are not HH settled for PARMS Serial SP04, with a reduced SP04 charge. The Workgroup noted that D0082 flow does not distinguish Advanced Meters against 'dumb meters', and that applying a charge across all PC5-8 Metering Systems regardless of their Meter types did not seem appropriate. Furthermore, reducing charges for SP04 would cause additional complications to the solution. The respondent agreed with this view. The Workgroup therefore did not progress this option any further.

The Workgroup concluded that ECOES data should be used to create the Committee report for the PAB.

Accuracy of ECOES data

Currently PARMS data is used as an indication of performance, and ECOES data would be used in the same way. Both are only as accurate as the reporting provided by Suppliers or their Supplier Agents.

The ECOES data is updated by DSOs, Suppliers and Meter Operators when there are changes to MPAN details. It is to the interests of DSOs, Suppliers and Meter Operators to keep the data up to date as ECOES is the central data source for MPAN administration.

Acting as the Technical Assurance Agent (TAA), C&C Group conducts audits on ECOES data when a DSO, Supplier or Meter Operator identifies an issue. The last issue highlighted that resulted in an audit was in 2010, which the Workgroup felt suggests a good level of data accuracy.

Monitoring should be in place upon P272 implementation if PARMS reporting requirement is removed

It is the intention of P320 to replace the P272 PARMS changes with a Committee report to fulfil the purpose of reporting P272 non-compliance. It should be noted that the

³ DSOs provide this data to ELEXON quarterly to support Performance Assurance which is overseen by ELEXON.

Modification solution does not mandate the introduction of the Committee report. The Workgroup recommended that the Committee report will go live no later than the P272 Implementation Date. It will be possible for the Committee report to go live earlier than the P272 Implementation Date should the PAB determines that there are benefits to monitoring the NHH to HH transition before the implementation of P272.

Does the Committee report lead to improved cost efficiency?

Cost of PARMS reporting

There will be central costs of approximately £20,000 for ELEXON to implement the document and system changes to PARMS as required under P272. It is also estimated that on average it will cost each Supplier at least £5,000 to change their systems in response to the PARMS changes. Assuming that there are more than 40 Suppliers in the market, the total costs that will be incurred to the industry would be at least £250,000.

As the new PARMS Serial, if introduced, will report non-compliance on a temporary basis (as described in Section 2), Suppliers will incur further, although not significant, costs in order to remove this PARMS Serial from their systems when it is no longer needed. This view was supported by a number of consultation respondents. Furthermore, one respondent suggested that there will be further costs to support an unused PARMS Serial if it is not removed from the system.

Cost of Committee report using ECOES data

ELEXON has received the following price quotes from the ECOES service provider to obtain the required data with different frequencies:

- £550 per monthly report
- £750 per quarterly report
- £850 per ad-hoc report

The Workgroup believed that the PAB should receive monthly reports during the bulk of P272's implementation. Therefore the cost of producing the Committee report using ECOES data is estimated to be £6,600 per annum. This cost may reduce if the PAB decides that less frequent reports are needed in the future.

The central cost for ELEXON to create a database will be approximately £12,500. The Workgroup agreed that this will not create any cost barriers to delivering the solution, noting that there will be other benefits in the future for ELEXON to centrally hold this data. Such benefits may include monitoring the transition of PC3-4 Metering Systems and validation of Suppliers' performance going forward.

The Workgroup concluded that a significant cost saving can be achieved by creating the Committee report instead of changing PARMS.

Will any changes be needed to PARMS Serial SP04 after the implementation of P272?

PARMS Serial SP04 currently reports on any 100kW Metering Systems which are not being HH settled. After the implementation of P272, all Metering Systems with an Advanced Meter that would fall within PC5-8 should be HH settled.

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The Workgroup believed that there is still a requirement to keep PARMS Serial SP04 after the implementation of P272 for two reasons:

- Metering Systems meeting the 100kW requirements for HH Settlement need to be registered to Measurement Class C, which has more stringent performance requirements than those registered on Measurement Classes E, F or G. Therefore SP04 could be expanded to capture any 100kW Metering Systems that have not switched from Measurement Class E, F or G to Measurement Class C following the implementation of P272.
- It is possible that existing PC3-4 Metering Systems will exceed the 100kW threshold in the future. SP04 will therefore capture these new 100kW Metering Systems which may not have an Advanced Meter installed.



Workgroup's conclusion

The Workgroup unanimously agreed that P320 **does** better facilitate the Applicable BSC Objectives when compared to the current baseline and therefore should be **approved**.

Workgroup's views against the Applicable BSC Objectives

The Workgroup, including the Proposer, unanimously agreed that the Proposed Modification does better facilitate Applicable BSC Objective (d), because it will remove unnecessary complexity and costs in relation to reporting on P272 non-compliance via PARMS.

Three out of the six Workgroup members, including the Proposer, believed that P320 does better facilitate Applicable BSC Objective (c), because it proposes that Suppliers should not be penalised for not being able to settle their PC5-8 Metering Systems Half Hourly despite reasonable efforts have been taken. The other three Workgroup members did not feel strongly about this view and believed that P320 is neutral against this objective.

The Workgroup, including the Proposer, unanimously agreed that the Proposed Modification is neutral against Applicable BSC Objectives (a), (b), (e) and (f).

The following table contains the Workgroup's views against each of the Applicable BSC Objectives:

Does P320 Proposed Modification better facilitate the Applicable BSC Objectives?		
Obj	Proposer's Views	Other Workgroup Members' Views
(a)	• Neutral	• Neutral (unanimous)
(b)	• Neutral	• Neutral (unanimous)
(c)	<ul style="list-style-type: none"> • Yes <p>The Proposed Modification will not penalise Suppliers who cannot settle PC5-8 Metering Systems Half Hourly despite reasonable efforts have been taken.</p>	<ul style="list-style-type: none"> • Yes (minority) For the same reason as the Proposer. • No (majority)
(d)	<ul style="list-style-type: none"> • Yes <p>The Proposed Modification will remove unnecessary complexity and costs in relation to reporting on P272 non-compliance via PARMS.</p>	<ul style="list-style-type: none"> • Yes (unanimous) For the same reason as the Proposer.
(e)	• Neutral	• Neutral (unanimous)
(f)	• Neutral	• Neutral (unanimous)

What are the Applicable BSC Objectives?

(a) The efficient discharge by the Transmission Company of the obligations imposed upon it by the Transmission Licence

(b) The efficient, economic and co-ordinated operation of the National Electricity Transmission System

(c) Promoting effective competition in the generation and supply of electricity and (so far as consistent therewith) promoting such competition in the sale and purchase of electricity

(d) Promoting efficiency in the implementation of the balancing and settlement arrangements

(e) Compliance with the Electricity Regulation and any relevant legally binding decision of the European Commission and/or the Agency [for the Co-operation of Energy Regulators]

(f) Implementing and administrating the arrangements for the operation of contracts for difference and arrangements that facilitate the operation of a capacity market pursuant to EMR legislation

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Respondents' views against the Applicable BSC Objectives

Eight out of the nine respondents agreed that P320 would better facilitate Applicable BSC Objectives overall for similar reasons expressed by the Workgroup. Only one respondent believed that P320 would be neutral against Applicable BSC Objectives and suggested a different approach for the Workgroup to consider. However the Workgroup did not believe this approach was better than the proposed solution and therefore did not put it forward. (See Section 6 for details).

8 Recommendations

The P320 Workgroup invites the Panel to:

- **AGREE** that the P320 Proposed Modification:
 - **DOES** better facilitate Applicable BSC Objective (d);
- **AGREE** an initial recommendation that the P320 Proposed Modification should be **approved**;
- **AGREE** an initial Implementation Date for the Proposed Modification of:
 - 1 April 2016 if an Authority decision is received on or before 1 December 2015;
- **AGREE** the draft legal text for the Proposed Modification;
- **AGREE** that P320 is submitted to the Report Phase; and
- **NOTE** that ELEXON will issue the P320 draft Modification Report (including the draft BSC legal text) for a 12 Working Day consultation and will present the results to the Panel at its meeting on 13 August 2015.

Appendix 1: Supplier Charge analysis

Summary

This analysis was undertaken by ELEXON to ascertain the potential impact of the SP04 Supplier Charges that would be introduced by P272. This analysis was presented to the Workgroup, which concluded that SP04 Supplier Charges would not provide an incentive for Suppliers to be compliant. Also that it would potentially place a charge unfairly on Suppliers which are unable for any reason to comply.

Assumptions

ELEXON used January 2015 Supplier Charges as a base line for 'average Capped Supplier Charges'.

It was also assumed that the current SP04 value of £4.06 would be the charge applied per non-compliant MSID per day.

It then took the total number of PC5-8 MSIDs as reported in the Winter 2014 Profile Administration Reports (PAR). It was not possible to ascertain which of these PC5-8 Meters were AMR Meters, therefore it was assumed for the purposes of these calculations that all PC5-8 were AMR Meters.

Due to the approval of [P322 'Revised Implementation Arrangements for Mandatory Half Hourly Settlement for Profile Classes 5-8'](#), the Implementation Date of P272 was amended from 1 April 2016 to 1 April 2017. It was assumed for the purposes of these calculations that only 10% of MSIDs would be non-compliant with effect from the extended Implementation Date. (Where a Supplier had less than 10 PC5-8 MSIDs registered, we assumed 1 of these would be non-compliant with effect from 1 April 2017 for the purposes of these calculations).

The overall SP04 charges were calculated bases on 10% or 1 MSIDs being non-compliant in each GSP Group for at least 30 Calendar Days. (30 Calendar days were used in the calculations as an average reporting period).

Results

The analysis showed that Supplier Charges would increase in total by 68.63%. However, due to GSP Group and Supplier Market Share capping this would provide no incentive in real terms to be compliant.

Of 49 Suppliers with PC5-8 Meters registered, only nine would incur total charges above their calculated caps. This 'un-chargeable amount' was calculated to be £13,650.63. However, this un-chargeable amount would not take the overall total Supplier Charges over the capped total.

Max Capped Charges Total	Actual Capped	Max Jan 2015 Capped Charges	% Increase	Difference from Cap
£ 631,727.85	£ 433,574.49	£ 1,547,813.83	68.63%	-£ 1,114,239.34

All Suppliers would however see an average increase in Supplier Charges of 53.68%.

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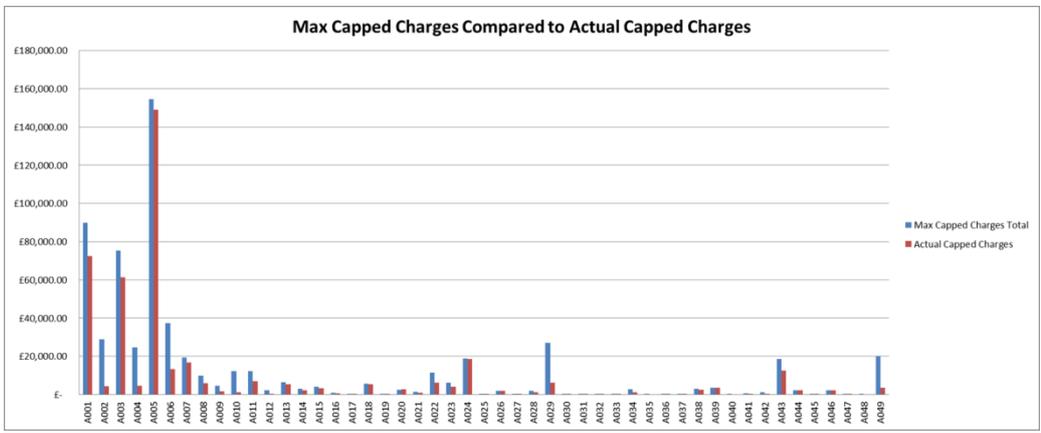


Figure 1: Capped Supplier Charges for January 2015

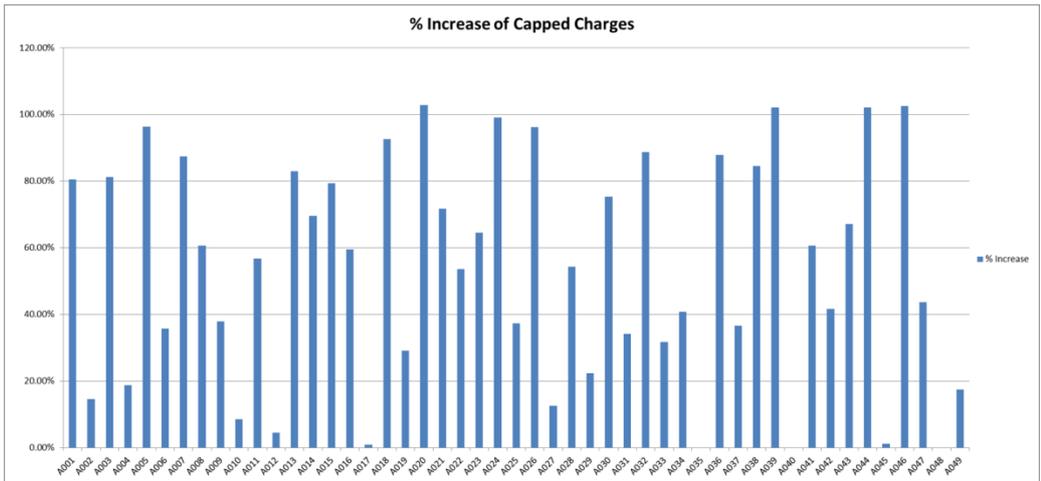


Figure 2: % Increase of capped Supplier Charges for January 2015 with 10% or 1 Non-compliant MSID for at least 30 calendar days

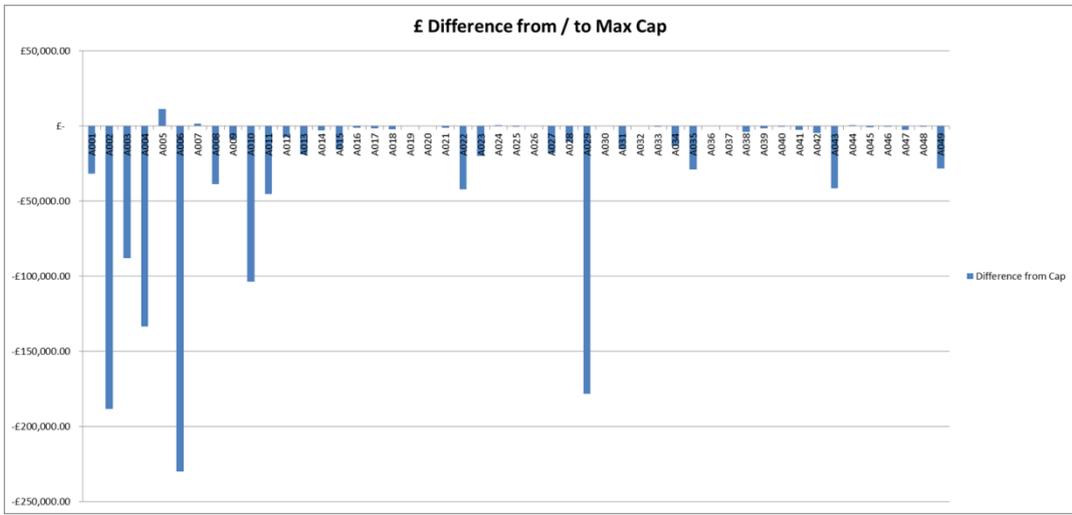


Figure 3: Amount Left (£) until overall Supplier Cap reached (Where difference in cap is negative this shows how much additional charge the Supplier would need to incur before hitting its maximum cap)

Workgroup's Terms of Reference

Specific areas set by the BSC Panel in the P320 Terms of Reference
How should the Committee report be created and what data should be included?
With what frequency should the report be provided?
What concerns may there be over data confidentiality and how can these be mitigated?
Who owns the report and therefore will be responsible to review the report from time to time?
Will there be a need to change PARMS Serial SP04 post P272 implementation?
What changes are needed to BSC documents, systems and processes to support P320 and what are the related costs and lead times?
Are there any Alternative Modifications?
Does P320 better facilitate the Applicable BSC Objectives than the current baseline?

Assessment Procedure timetable

P320 Assessment Timetable	
Event	Date
Panel submits P320 to Assessment Procedure	09 Apr 15
Workgroup Meeting 1	21 Apr 15
Assessment Procedure Consultation	18 May 15 – 05 Jun 15
Workgroup Meeting 2	10 Jun 15
Panel considers Workgroup's Assessment Report	09 Jul 15

Workgroup membership and attendance

P320 Workgroup Attendance			
Name	Organisation	21 Apr 15	10 Jun 15
Members			
David Kemp	ELEXON (<i>Chair</i>)	✓	✓
Oliver Xing	ELEXON (<i>Lead Analyst</i>)	✓	✓
Gregory Mackenzie	British Gas (<i>Proposer</i>)	✓	✓
Colin Prestwich	SmartestEnergy	✓	✓
Eric Graham	TMA Data Management Ltd	✓	✗
Pete Butcher	SSE	✓	✓
Tim Newton	E.ON	✓	✓
Ian Hall	IMserv	✗	✗
Gavin Somerville	EDF Energy	✓	☎
Matt Keen	Npower	✓	✗
Paul Orr	Scottish Power	✓	☎
Attendees			
Oliver Meggitt	ELEXON (<i>Design Authority</i>)	✓	✓
Kathryn Munday	ELEXON (<i>Design Authority</i>)	✓	✓
Nicholas Brown	ELEXON (<i>Lead Lawyer</i>)	✗	✗
Jeremy Adams-Strump	Ofgem	✓	✓

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Acronyms

Acronyms	
Acronym	Definition
BUSRR	Business Unit Settlement Risk Rating
CT	Current Transformer
DSO	Distribution System Operator (<i>BSC Party</i>)
ECOES	Electricity Central Online Enquiry Service (<i>database</i>)
EFR	Error and Failure Resolution
HH	Half Hourly
LLFC	Line Loss Factor Class
MPAN	Metering Point Administration Number
MRASCo	Master Registration Agreement Service Company (<i>Code Administrator</i>)
NHH	Non Half Hourly
PAB	Performance Assurance Board (<i>Panel Committee</i>)
PAF	Performance Assurance Framework
PARMS	Performance Assurance Reporting and Monitoring System
PC	Profile Class
SLC	Standard Licence Condition
SMRS	Supplier Meter Registration Service
SSC	Standard Settlement Configuration
TAA	Technical Assurance Agent (<i>BSC Agent</i>)
UMS	Unmetered Supply
WC	Whole Current

DTC data flows and data items

DTC data flows and data items referenced in this document are listed in the table below.

DTC Data Flows and Data Items	
Number	Name
D0082	Supplier Purchase Matrix Report

External links

A summary of all hyperlinks used in this document are listed in the table below.

All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
3	P272 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p272-mandatory-half-hourly-settlement-for-profile-classes-5-8/
3	Issue 59 page on the ELEXON website	https://www.elexon.co.uk/smg-issue/issue-59-consideration-parms-supplier-charge-changes-introduced-p272-p300/
3, 10	P320 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p320/
6	ECOES website	https://www.ecoes.co.uk/
18	P322 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p322/

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