

Phase

Initial Written Assessment

Definition Procedure

Assessment Procedure

Report Phase

Implementation

P427 'Publication of Performance Assurance Parties' impact on Settlement Risk'

The Modification seeks to increase the effectiveness of all detective and investigative Performance Assurance Techniques (PATs) including Error and Failure Resolution (EFR) through greater incentives.

Improved efficiency of Performance Assurance Framework (PAF) with swifter resolution rates to EFR plans and any other significant issues that impact Settlement is expected.

This Assessment Procedure Consultation for P427 closes:

5pm on Friday 10 June 2022

The Workgroup may not be able to consider late responses.



The P427 Workgroup initially recommends **approval** of P427



The P427 Workgroup initially recommends **approval** of the P427 Proposed Modification



The P427 Workgroup **does not** believe P427 impacts the European Electricity Balancing Guideline (EBGL) Article 18 terms and conditions held within the BSC

This Modification is expected to impact:

- Suppliers
- Non Half Hourly Data Aggregators (NHHDAs);
- Half Hourly Data Aggregators (HHDAs);
- Meter Operator Agents (MOAs (Central Volume Allocation (CVA) Non Half Hourly (NHH) and Half Hourly (HH))
- Licensed Distribution System Operators (LDSOs);
- Supplier Meter Registration Agents (SMRAs);
- Non Half Hourly Data Collectors (NHDCs);
- Half Hourly Data Collectors (HHDCs); and
- Meter Administrators (MAs).

P427
Assessment Procedure
Consultation

20 May 2022

Version 1.0

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About This Document



Not sure where to start? We suggest reading the following sections:

- Have 5 mins? Read the summary section
- Have 15 mins? Read sections 1 and 7
- Have 30 mins? Read all except section 6
- Have longer? Read all sections and the annexes and attachments
- *You can find the definitions of the terms and acronyms used in this document in the [BSC Glossary](#)*

The purpose of this P427 Assessment Procedure Consultation is to invite BSC Parties and other interested parties to provide their views on the merits of P427. The P427 Workgroup will then discuss the consultation responses, before making a recommendation to the BSC Panel at its meeting on 14 July 2022 on whether or not to approve P427.

There are four 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 P427 Proposal Form.
- Attachments B contains the draft redlined changes to the BSC and BSCPs for P427.
- Attachment C contains the specific questions on which the Workgroup seeks your views. Please use this form to provide your response to these questions, and to record any further views or comments you wish the Workgroup to consider.



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Why Change?

Resolving Settlement impacting issues through EFR can take a substantial amount of time. The longer the period to rectify these issues, the longer there is a material impact on Settlement accuracy. This change would result in an additional escalation step under the EFR process to incentivise swifter improvement.

It has also been noted that treating Settlement Performance and risk data as confidential protects Market Participants who are having a significant impact on other market participants which has the potential to negatively impact competition. This Modification would provide the opportunity for the Performance Assurance Board (PAB) to recommend for new league tables for performance and contribution to Settlement risk where the PAB believes doing so would have a positive impact on competition and compliance. The Modification would also establish De Minimis thresholds for impact on one or more Market Participant to ensure that large Settlement Errors are attributed to the responsible party, incentivising behaviours to assist the early identification and resolution of such errors. Improved efficiency of Assurance Framework with swifter resolution of issues is expected.

Solution

The proposed solution would amend BSC Section Z, BSCP533 and BSCP538 to allow the PAB to recommend to the Panel to publish risk and performance data in respect of Performance Assurance Parties' (PAPs') contribution to Settlement Risk along with relevant risk data. Data may also be published where a PAP within the EFR process fails against a milestone within its EFR plan after previously having been escalated to the PAB for the same EFR plan. The third trigger for publishing data is if a PAP's action or inaction results in a market-wide impact of 0.05% of consumption in the preceding calendar year or a single party impact of 0.05% of consumption in the preceding calendar year divided by the number of actively Trading Suppliers.

Impacts & Costs

Depending on which data items the PAB recommends to be published, the frequency and the number approved for publication by the Panel on behalf of industry, the costs associated with this Modification would range from:

- <£1k for documents changes + 3 days analyst/developer Full Time Employment (FTE) up front and then 0.1 FTE per month thereafter to
- +25 days analyst/developer FTE up front and then 1 FTE per month thereafter.

Costs could also be incurred if the publication drives increased industry engagement and, as noted by the BSC Panel, in respect of the risk of legal challenge.

Implementation

The Workgroup recommends an Implementation Date of 3 November 2022 as part of the standard November 2022 Release for the document changes and then December 2022 onwards for new risk and/or performance data items requested for publication by the PAB and approved by the Panel.

Recommendation

The Workgroup unanimously agree that P427 should be **approved**. There was agreement by majority that P427 better facilitates the BSC Objectives 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) and D (Promoting efficiency in the implementation of the balancing and settlement arrangements). All Members agreed that P427 was neutral against all other Objectives and that it should be submitted to Ofgem for decision. The Workgroup do not believe P427 impacts or extends the EBGL Article 18 balancing terms and conditions.

2 Why Change?

What is the issue?

Through industry engagement undertaken as part of the [PAF review project¹](#), one of the problems identified was that issues often take longer to resolve than expected, given appropriate resource allocation to issue resolution by relevant market participants. This was particularly evident in respect of the EFR process where EFR plans often take a considerable time to be resolved, with many plans remaining open for over a year.

It has also been noted that treating Settlement Performance and risk data as confidential protects Market Participants who are having a significant impact on other market participants which has the potential to negatively impact competition. This Modification would provide the opportunity for the PAB to recommend for new league tables for performance (recognising both good performance and areas for improvement) and contribution to Settlement risk, where the PAB believes doing so would have a positive impact on performance, competition and compliance. The Modification would also establish De Minimis thresholds for impact on one or more Market Participant to ensure that large Settlement Errors are attributed to the responsible party, incentivising behaviours to assist the early identification and resolution of such errors.

Further Information and Detail

If EFR plans could be resolved more quickly it would mitigate the material Settlement impact of the associated Error/Failure. Moreover were it that poor performance identified through all PATs was addressed more quickly this would have a beneficial impact on all [Settlement Risks²](#) being managed directly through the application of PATs.

Where a PAP fails to meet one of the milestones within their plan or otherwise meets the EFR escalation criteria (as set out within [BSCP538 - Error and Failure Resolution³](#) and the [EFR Escalation guidance note⁴](#)) the PAP can be escalated to the PAB. If further escalation is required the PAP may subsequently be escalated to the BSC Panel. Unfortunately in many instances this results in a cycle of repeated escalations to the PAB while the PAP continues to fail to meet the milestones set out within their EFR plan.

It is also possible to envision a scenario where a PAP is found to be contributing to one or more Settlement Risks to such an extent that it would not be reasonable to wait for EFR to be applied and EFR escalation to be triggered before taking action to remedy this impact, such as notifying other PAPs of the increase in Settlement Risk and the potential impacts on their business.

Engagement with the PAB, both through the PAF review project and subsequently, has indicated that one of the most effective incentives to resolve issues and improve performance against Settlement Risk is public peer comparison and publication of PAP

¹ <https://www.elexon.co.uk/reference/performance-assurance/performance-assurance-framework-review/>

² [https://www.elexon.co.uk/reference/performance-assurance/performance-assurance-processes/performance-assurance-risk-evaluation-register/#:~:text=A%20Settlement%20Risk%20is%20a,\(or%20has%20impacted\)%20Settlement.&text=Elexon%20use%20the%20approved%20Risk,and%20evaluate%20the%20Settlement%20Risks.](https://www.elexon.co.uk/reference/performance-assurance/performance-assurance-processes/performance-assurance-risk-evaluation-register/#:~:text=A%20Settlement%20Risk%20is%20a,(or%20has%20impacted)%20Settlement.&text=Elexon%20use%20the%20approved%20Risk,and%20evaluate%20the%20Settlement%20Risks.)

³ <https://www.elexon.co.uk/csd/bscp538-error-and-failure-resolution/>

⁴ <https://www.elexon.co.uk/guidance-note/efr-efr-escalation-process/>

performance against Settlement Risks. [Section B - the Panel](#)⁵, 3.3.8 restricts the PAB's ability to publish notices in respect of a PAP's contribution to Settlement Risk.

It is therefore proposed that a Modification is progressed to introduce:

1. An additional step to the EFR Escalation process;
2. Powers for the PAB to publish public notices of a PAP's contribution toward Settlement Risk(s) where a PAP fails to meet their EFR milestones again following EFR escalation, or outside of the EFR process in exceptional circumstances where the impact is sufficiently significant to risk serious impact on other market participants and resolution of the issue is time critical.
 - a. With such notices requiring final approval by the BSC Panel on the basis that it is the BSC Panel which is ultimately accountable for such actions since it delegates its powers in respect of Performance Assurance to the PAB;
3. A new league table to be published via the Peer Comparison PAT;
4. A De Minimis threshold for impact resulting in data being published regarding the responsible parties contribution to the impact.

It is anticipated that these changes will incentivise swifter resolution of issues and better performance.

Background

Error and Failure Resolution

EFR is a key remedial technique in Elexon's Performance Assurance Framework. It is used to assure Elexon, the PAB and the rest of the industry that parties understand identified performance issues and have robust plans in place to correct them in a timely manner. As part of the EFR process, parties agree with Elexon what steps they will take to resolve the identified performance issues. As part of the EFR process Elexon also works to provide parties with advice and guidance.

EFR can be applied against all BSC Settlement Risks where an associated issue has been identified. EFR is used to assist PAPs to understand and rectify performance issues and non-compliances. When applying EFR against a Settlement Risk, we take into account the net significance of the risk and the PAP's contribution to the issue identified. The PAB can define specific escalation criteria for specific Settlement Risks or net significance values.

Where a PAP fails to meet one or more of the milestones set out within their EFR plan or otherwise meets the escalation criteria set out within BSCP538, Elexon may escalate the EFR plan. EFR escalation is to the PAB in the first instance but may also be to the BSC Panel where further escalation is required.

PAF Review

The [PAF review](#)⁶ was a review of the Performance Assurance Framework. Key aims of the PAF review were:

- Better engagement with Parties about issues that do and don't matter to them (their risk appetite)
- Increase the quantity and quality of participation in consultations

⁵ <https://www.elexon.co.uk/documents/bsc-codes/bsc-sections/bsc-section-b-the-panel-2/>

⁶ <https://www.elexon.co.uk/documents/groups/pab/2020-meetings-pab/234-july/pab234-08a-breach-default-and-efr-paf-review-recommendations/>

- Meet the current and future assurance needs of the Panel, the PAB and the wider electricity industry e.g. smart metering, alternative business models, CVA risk
- Improve the measurability of Settlement Error and the mitigating effect of assurance activities
- Deliver a valued and trusted assurance service to BSC Parties under the strategic and tactical guidance of the BSC Panel and PAB

The PAF review concluded by outlining a set of recommendations. The recommendations for EFR were unanimously approved by the PAB following detailed discussion which included the requirement for a Modification to be raised.

Workgroup discussions

Discussions at the Workgroup meetings brought to light the fact that there have been serious Settlement Errors we've seen where no one is held accountable due to anonymity. This has sparked an appetite from industry for information to be published where one PAP causes a significant impact on other Market Participants.

Additionally, the concept of publishing leader boards for performance via Peer Comparison arose as it was believed that this would promote better Settlement Performance through competition. These leader boards would highlight on a routine basis when Market Participants were performing well which gives a strong incentive to do better. Additionally it would also be public knowledge when a Market Participant is not performing well. BSC Audit Public Peer Comparison is currently available as an anonymised version however the Workgroup agreed that the anonymization should be removed.

Desired outcomes

P427 seeks to increase the effectiveness of all detective and investigative PATs including EFR through greater incentives. Improved efficiency of the PAF with swifter resolution rates to EFR plans and any other significant issues that impact Settlement is expected.

P427 seeks to discourage Market Participants from causing or ignoring serious Settlement Errors. Additionally, the recommended league tables will promote improved Settlement Performance and Performance against relevant Risks.

Proposed solution

The proposed solution would amend BSC Section Z, BSCP533 and BSCP538 to allow the PAB to recommend to the Panel to publish risk and performance data to industry in respect of PAPs' contribution to Settlement Risk along with relevant risk data. Additionally, notices would be published to industry if one of the following is triggered:

- Where a PAP within the EFR process fails against a milestone within its EFR plan after previously having been escalated to the PAB for the same EFR plan.
- Where the PAB deems that the publication of one or more sets of performance data would have a beneficial impact on performance it may recommend to the Panel for said data to be published via Peer Comparison.
- Where a PAP's action or inaction results in a market wide impact of 0.05% of consumption in the preceding calendar year. This represents 10% of the BSC Audit Qualification threshold of 0.5% of the total energy consumption for the preceding calendar year (this would make the threshold for 2022 approximately £40m (the approximate value of 0.05% of energy consumed in 2021)).
- Where a PAP's action or inaction results in an impact to an individual Market Participant of 0.05% of consumption in the preceding calendar year (the value described above), divided by the number of actively Trading Suppliers (~200) (this would align with the BSC Audit Qualification threshold and provide what we believe to be a reasonable threshold for individual Party impact of approximately £200k).

The publication of any risk and/or performance data must first be approved by the BSC Panel following a formal recommendation from the PAB. The Workgroup's recommendation is for the following risk and performance data items to be published on a routine basis via Peer Comparison:

Risk / Performance data items	PAP Role(s)	Frequency
Settlement Performance (% and Energy Vol below target)	Supplier, DA	Monthly
Trading Disputes	All PAP roles ⁷	Ad Hoc and Annually
Approval of CDCA Estimation Requests performance	Registrant	Monthly
BSC Audit public peer comparison	All PAP roles	Annually
CVA Fault Resolution	Registrant, CVA MOA, LDSO	Ad Hoc and Monthly

⁷ All PAP roles includes Supplier, CVA Meter Operator Agent, Data Collector, Data Aggregator, Meter Administrator, Licensed Distribution System Operator (Distribution Network Operators) and/or Registrant

SVA Metering Equipment installation, programming, maintenance and Commissioning	Registrant, LDSO	Ad Hoc and Annually
CVA Metering Equipment installation, programming, maintenance and Commissioning	Registrant, CVA MOA, LDSO	Ad Hoc and Annually
CVA Registration	Supplier, Registrant, CVA MOA, LDSO	Ad Hoc and Annually
SVA Notification of change to Metering Equipment	Registrant, LDSO	Ad Hoc and Annually
CVA Notification of change to Metering Equipment	Registrant, CVA MOA, LDSO	Ad Hoc and Annually
Supplier Volume Allocation (SVA) Fault Resolution	Supplier, Registrant, LDSO	Ad Hoc and Annually
Aggregated performance across all GSP groups and performance within each GSP group	Supplier, DA	Ad Hoc and Annually

Assessment Consultation Question

Do you agree with the Workgroup's recommended risk and performance data items to be published on a routine basis?

The Workgroup invites you to give your views using the response form in Attachment C

Notes on approach and BSC Change

This Modification will update BSC Section Z, BSCP533 and BSCP538. The powers introduced by P427 will enable the PAB to request the publication of any risk and/or performance data in respect of any PAP. With risk and/or performance data approved for publication by the BSC Panel being published on Elexon's website and made available in user friendly formats via a publically accessible API. A notice to industry may also be published in the case of a PAP within the EFR process failing against a milestone within its EFR plan after previously having been escalated to the PAB for the same EFR plan. Data may also be published regarding the responsible parties' contribution to the impact if a PAP hits one of the De Minimis thresholds for impact.

Benefits

P427 will promote competition in respect of Market Participants' effectiveness at mitigating their impact on other Market Participants in respect of their contribution of risk through transparent bench marking, peer comparison and league tables, thereby incentivising better performance. Parties performing worse will be incentivised to improve as their performance will be public. Additionally, those already doing well may also wish to push for better performance to 'overtake' other Parties.

The notice to be published to industry if a PAP hits the De Minimis threshold will discourage Market Participants from causing or ignoring serious Settlement Errors.

Additionally, if EFR plans and other high materiality issues are resolved more quickly, impact on Settlement Risks and other Market Participants will be mitigated.

Avoiding repeated escalations and making the EFR escalation process more dynamic will also reduce the resource burden on the PAB allowing the committee to focus on proactive risk management rather than routine issue resolution.

This change should result in improved resolution times for issues and therefore reduce the impact against multiple risks.

Alternative solution

The Workgroup did not consider there to be an Alternative solution for P427 that better facilitated the Applicable BSC Objectives compared to the proposed solution.

Assessment Consultation Question

Do you agree with the Workgroup that there are no other potential Alternative Modifications within the scope of P427, which would better facilitate the Applicable BSC Objectives?

The Workgroup invites you to give your views using the response form in Attachment C

Legal text

The redlining for BSC Section Z, BSCP533 and BSCP538 can be found in Attachment B of the documentation.

Assessment Consultation Question

Do you agree with the Workgroup that the draft legal text in Attachment B delivers the intention of P427?

The Workgroup invites you to give your views using the response form in Attachment C

4 Impacts & Costs

Estimated implementation costs of P427

Implementation cost estimates			
Organisation	Item	Implementation (£k)	Comment
Elexon	Systems	N/A	
	Documents	<1	
	Other	0.5 to 0.6	
NGESO	Systems	N/A	
	Other	N/A	
Industry	Systems & processes	N/A	
Total		<2	

Estimated on-going costs of P427

On-going cost estimates		
Organisation	Implementation (£k)	Comment
Elexon	0.5 to 0.6	Extra 0.1-1 FTE per month to update data as requested.
NGESO	0	
Industry	0.2 to 1	Extrapolated from response to RFI / to be confirmed via consultation / Judgement provided by Workgroup / Proposer.
Total	1.2 to 2.1	

P427 impacts

Impact on BSC Parties and Party Agents		
Party/Party Agent	Impact	Estimated cost
Suppliers	Elexon will publicly publish PAP data.	Low
NHHDA's		
HHDA's		
CVA MOAs (NHH, HH)		
LDSOs		
SMRAs		
NHHDCs		
HHDCs		
MAs		

Impact on the NETSO	
Impact	Estimated cost
None	N/A

Impact on BSCCo		
Area of Elexon	Impact	Estimated cost
Assurance	Low (dependant on what data is published)	Low

Impact on BSC Settlement Risks	
<p>We would expect a generic positive impact on BSC Settlement Risks from this Modification, as it should encourage Settlement impacting issues, particularly those managed under EFR, to be resolved more quickly. This will have a positive impact on the integrity of data entering settlement.</p> <p>As EFR can be applied to all Settlement Risks this change is anticipated to positively impact on all Settlement Risks (where EFR is or continues to be applied).</p>	

Impact on BSC Systems and process	
BSC System/Process	Impact
None	N/A

Impact on BSC Agent/service provider contractual arrangements	
BSC Agent/service provider contract	Impact
None	N/A

There may be impacts on BSC Agents later if they are required to provide data which is approved to be published via Peer Comparison by the Panel.

Impact on Code	
Code Section	Impact
Section Z 'Performance Assurance'	The BSC will be revised to provide for data to be published where one or more criteria described in the solution are met.

Impact on EBGL Article 18 terms and conditions	
This Modification does not impact on the EBGL Article 18 Terms and Conditions held within the BSC.	

Impact on Code Subsidiary Documents

CSD	Impact
BSCP533	The BSCP will be updated to provide a process by which new non-Performance Assurance Reporting and Monitoring System (PARMS) data sets can be published as league tables via the Peer Comparison technique following PAB recommendation and Panel approval.
BSCP538	The BSCP will be updated to introduce a trigger for notices to be published regarding a PAP's contribution to Settlement Risk, performance in EFR and the PAB's concerns regarding said EFR performance where a PAP fails against a milestone in their EFR plan resulting escalation (where they have already been previously escalated for the same EFR plan).

Impact on other Configurable Items

Configurable Item	Impact
None	N/A

Impact on Core Industry Documents and other documents

Document	Impact
None	This Modification will not impact on any other Core Industry Documents.

Impact on a Significant Code Review (SCR) or other significant industry change projects

This Modification will not impact on any ongoing SCRs.

Assessment Consultation Question

Do you agree with the Workgroup's assessment of the impact on the BSC Settlement Risks?

Do you agree with the Workgroup's assessment that P427 does not impact the European Electricity Balancing Guideline (EBGL) Article 18 terms and conditions held within the BSC?

Will P427 impact your organisation?

How much will it cost your organisation to implement P427?

What will the ongoing cost of P427 be to your organisation?

The Workgroup invites you to give your views using the response form in Attachment C

Impact of the Modification on the environment and consumer benefit areas:	
Consumer benefit area	Identified impact
1) Improved safety and reliability Unlikely to have a significant impact either way.	Neutral
2) Lower bills than would otherwise be the case Unlikely to have a significant impact either way.	Neutral
3) Reduced environmental damage Unlikely to have a significant impact either way.	Neutral
4) Improved quality of service Possibly by ensuring accurate Settlement which thereby contributes to accurate billing.	Neutral
5) Benefits for society as a whole Unlikely to have a significant impact either way. Incentivising a fair and compliant electricity market but otherwise minimal.	Neutral



What are the consumer benefit areas?

1) Will this change mean that the energy system can operate more safely and reliably now and in the future in a way that benefits end consumers?

2) Will this change lower consumers' bills by controlling, reducing, and optimising spend, for example on balancing and operating the system?

3) Will this proposal support:

- i) new providers and technologies?
- ii) a move to hydrogen or lower greenhouse gases?
- iii) the journey toward statutory net-zero targets?

iv) decarbonisation?

4) Will this change improve the quality of service for some or all end consumers. Improved service quality ultimately benefits the end consumer due to interactions in the value chains across the industry being more seamless, efficient and effective.

5) Are there any other identified changes to society, such as jobs or the economy.

5 Implementation

Recommended Implementation Date

The Workgroup recommends an Implementation Date for P427 of:

- 3 November 2022 if the Authority's decision is received on or before 13 October 2022; or
- 2 February 2022 if the Authority's decision is received after 13 October but on or before 12 February 2022.

Assessment Consultation Question

Do you agree with the Workgroup's recommended Implementation Date?

The Workgroup invites you to give your views using the response form in Attachment C

Discussion of what data should be published

The Workgroup suggested that the Modification be drafted such that new areas of data could be published rather than being limited to a hard coded scope of data.

The Workgroup did not think that Technical Assurance Agent (TAA) Desktop Audits should be published as it is difficult to see the separation of the administrative errors compared to the apparent 'real errors'. Elexon presented this view to the Technical Assurance of Metering Expert Group (TAMEG) and the PAB which both agreed.

The Workgroup noted that because Settlement Performance isn't currently in the public domain it would be setting a major precedent to start publishing this data. Non-public information is a lower priority to industry participants than public information such as Ofgem statistics.

The Workgroup suggested publishing data using a traffic light system could be effective however following discussion it was agreed that directly reporting individual PAPs actual performance would be preferable to grouping PAPs into bands.

Any thresholds or bands regarding the publication of Settlement Performance would ultimately be set by the Panel following recommendation from the PAB. Elexon noted that the Modification would be intentionally flexible in its wording in order to enable the PAB and Panel to adjust their approach in response to market changes. It was noted that requiring a Modification to amend the thresholds for the publication of data or the scope of data to be published would make the process cumbersome and inflexible.

Discussion of publishing a leader board

After further discussion the group decided it did not wish to use the thresholds and traffic light system for a number of reasons:

- Parties may be comfortable sitting in the middle band as it is a wide band, therefore not achieving the goal of increased performance;
- The approach would not provide full transparency of performance; and
- Ultimately there would be no fair way to set the threshold bands.

On that basis the Workgroup decided to recommend that actual performance percentages of Parties be published in a leader board fashion, including those hitting the Elexon targets. This would provide full transparency.

Elexon confirmed to the Workgroup that if a Party's data is going to be published under the Code provisions introduced by P427, they will be notified ahead of time, giving them a chance to appeal to the Panel before the data is published.

Discussion around publishing SVA MOA data

Since SVA MOAs are outside of the scope of the PAF and are no longer considered as PAPs under the BSC, the provisions of P427 could not be applied to SVA MOAs.

In order to achieve this a corresponding change would need to be raised under the REC. Elxon will discuss this with REC Assurance and note the interest expressed by members of the P427 Workgroup.

The Workgroup had concerns that if we only publish DC and LDSO TAA data, and exclude SVA MOA TAA data, it might give a biased view across the industry. Therefore since we cannot publish SVA MOA TAA data, the Workgroup decided to not recommend any TAA data to be published.

De Minimis values for data being published

Another trigger for data to be published would be when a PAP's contribution to a Settlement Risk(s) results in a certain monetary impact. The Workgroup suggested that there should be two thresholds for when data should be published:

- The monetary value impacting one Party; and
- The monetary value impacting the market as a whole.

Elxon suggested that the De Minimis value for market wide impact should be set at 0.05% of consumption in the preceding calendar year which is 10% of the BSC Audit Qualification threshold of 0.5% of the total energy consumption for the preceding calendar year. This would make the threshold for 2022 approximately £40m (the approximate value of 0.05% of energy consumed in 2021))

Elxon suggested that the De Minimis value for individual Party impact should be set at the market wide impact value divided by the number of actively Trading Suppliers. This would align with the BSC Audit Qualification threshold and provide what we believe to be a reasonable threshold for individual Party impact of approximately £200k.

The Workgroup had concerns that these thresholds may protect smaller Parties that caused many errors but never hit the required impact thresholds and thus their data wouldn't be published. Elxon suggested that if a Party caused many Settlement Errors, they were likely to be put in EFR, which is another trigger to publish data. Additionally the offending Party would also still have their poor performance published publicly in any leader boards proposed for publication by the PAB.

Recommendations

The Workgroup recommended to:

- Routinely publish data with the frequency to be determined by the PAB and Panel but with the recommendation from the Workgroup being to publish performance monthly.
- Not differentiate between domestic and non-domestic Suppliers. It was noted that there would be no way for Elxon to do this systematically and reliably.
- Publish data such that it is available to export in a user friendly format to facilitate its use by third parties, i.e. not in a PDF but downloadable as a .CSV or .XLS file via an appropriate API.
- Publish Data Aggregator (DA) Settlement Performance in the same way as Supplier data.

- Publish Trading Disputes, including the identity of the Party or Parties responsible for the error, where Elexon is able to determine which party is the cause for the fault.
- Publish Registrant's performance against [Risk 021](#)⁸.
- Publish data both in terms of the aggregated performance across all GSP Groups but also in terms of the performance in each GSP Group.

⁸ <https://www.elexon.co.uk/reference/performance-assurance/performance-assurance-processes/performance-assurance-risk-evaluation-register/021-cva-risk-retrieval-and-processing-of-metered-data/>

7 Workgroup's Initial Conclusions

The Workgroup Members initially believe that P427 would better facilitate the Applicable BSC Objectives (c) and (d) and so should be approved. The Workgroup believes that P427 would be neutral against all other Objectives.

Does P427 better facilitate the Applicable BSC Objectives?		
Obj	Proposer's Views	Other Workgroup Members' Views ⁹
(a)	• Neutral	• Neutral
(b)	• Neutral	• Neutral
(c)	• Positive	• Positive (majority)
(d)	• Positive	• Positive (majority)
(e)	• Neutral	• Neutral
(f)	• Neutral	• Neutral
(g)	• Neutral	• Neutral

Applicable BSC Objective (c)

The Workgroup agreed by majority that the P427 Proposed Solution will better promote effective competition.

Applicable BSC Objective (d)

The Workgroup unanimously agreed that the P427 Proposed Solution promotes efficiency in the implementation of balancing and settlement arrangements.

Self-Governance

The Workgroup unanimously agreed that P427 should not be progressed as Self-Governance as it impacts Self-Governance criteria (b) (ii). This Modification will impact competition as through transparency of data, Parties will be able to publicly compare performance.

Impacts on EBGL Article 18 Terms and Conditions of Balancing

The Workgroup unanimously agreed that P427 does not impact or expand the BSC provisions that constitute EBGL Article 18 Terms and Conditions, as described in BSC Section F, Annex F-2.



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 administering the arrangements for the operation of contracts for difference and arrangements that facilitate the operation of a capacity market pursuant to EMR legislation

(g) Compliance with the Transmission Losses Principle

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⁹ Shows the different views expressed by the other Workgroup members – not all members necessarily agree with all of these views.

Workgroup's Terms of Reference

Specific areas set by the BSC Panel in the P427 Terms of Reference	Conclusion
What (if any) limitations should be placed on the scope of Settlement Risk data which the PAB is permitted to publish in a public notice of a PAP's contribution to Settlement Risk where said PAP meets the criteria set out within the solution?	Details for what data should be published is outlined in Section 3
<p>What (if any) additional criteria or thresholds should need to be met prior to such a notice being published regarding a PAP's contribution to Settlement Risk? Such criteria and thresholds should be considered both for:</p> <ul style="list-style-type: none"> i) Instances where a PAP fails against its EFR milestones resulting in repeated escalation; and ii) Exceptional circumstances where such notices could be issued outside of the EFR process. Currently defined as where the impact is sufficiently significant to risk serious impact on other market participants and resolution of the issue is time critical. 	<p>Notices should be published:</p> <ul style="list-style-type: none"> • Where a PAP within the EFR process fails against a milestone within its EFR plan after previously having been escalated to the PAB for the same EFR plan. • Where a PAP's action or inaction results in a market wide impact of a single party of 0.05% of consumption in the preceding calendar year. • Where a PAP's action or inaction results in an impact to an individual market Participant market wide impact value divided by the number of actively Trading Suppliers.
What (if any) restrictions should be placed on the frequency with which such notices regarding a PAP's contribution to Settlement Risk could be published? The solution as drafted would allow such notices to be issued as frequently as monthly in extreme cases where a PAP's impact on Settlement Risk persisted in severity.	The Workgroup agreed that data should be published monthly.
How will this Modification impact the BSC Settlement Risks?	<p>We would expect a generic positive impact on BSC Settlement Risks, as it should encourage EFR issues to be resolved more quickly. This will have a positive impact on the integrity of data entering settlement.</p> <p>As EFR can be applied to all Settlement Risks this change is anticipated to positively impact on all Settlement Risks (where EFR is or continues to be applied).</p>

Specific areas set by the BSC Panel in the P427 Terms of Reference	Conclusion
What changes are needed to BSC documents, systems and processes to support P427 and what are the related costs and lead times? When will any required changes to subsidiary documents be developed and consulted on?	Detailed in Section 4, subsidiary documents have been developed in the Assessment Phase. In order to publish the data we will need to create a webpage as well as update internal processes
Are there any Alternative Modifications?	No
Should this Modification be progressed as a Self-Governance Modification?	No, impacts Self-Governance Criteria (b) (ii)
Does this Modification better facilitate the Applicable BSC Objectives than the current baseline?	Yes, as detailed in Section 7
Does this Modification impact the EBGL provisions held within the BSC, and if so, what is the impact on the EBGL Objectives?	No, as detailed in Section 4

Assessment Procedure timetable

P427 Assessment Timetable	
Event	Date
Panel submits P427 to Assessment Procedure	14 October 2021
Workgroup Meeting 1	19 January 2022
Workgroup Meeting 2	1 March 2022
Workgroup Meeting 3	20 April 2022
Workgroup Meeting 4	10 May 2022
Assessment Procedure Consultation	20 May – 10 June
Workgroup Meeting 5	W/C 13 June
Panel considers Workgroup's Assessment Report	14 July 2022

Workgroup membership and attendance

P427 Workgroup Attendance					
Name	Organisation	19 Jan 2022	1 Mar 2022	20 Apr 2022	10 May 2022
Members					
Douglas Alexander	Elxon (<i>Chair</i>)				
George Crabtree	Elxon (<i>Lead Analyst</i>)				
Jason Jackson	Elxon (<i>SME and Proposer</i>)				
Tom Chevalier	PDA			x	x
Clare Hannah	IMServ				
Dawn Matthews	UKPN				
Amy Genge	SSE		x		
Rhys Kealley	British Gas				
Nik Wills	Stark				
Paul Bedford	Drax				
George Barnes	Utilita	x	x	x	x
Shane Preston	AMT Sybex	x	x	x	x
Phil Russell	Independent	x		x	x
Clare Manning	E.ON Next	x	x	x	x
Attendees					
Lorna Lewin	Elxon (<i>Design Authority</i>)				x
Eden Ridgeway	Elxon (<i>Lead Lawyer</i>)	x	x		x
John Greene	SSE			x	x
Vicky Clemens	E.ON Next			x	
Philip Eyre	E.ON	x	x		x