

CP Progression Paper

'Introducing Technical Assurance of Metering (TAM) Central Volume Allocation (CVA) Specific Sample audits'

ELEXON



Committee

Imbalance Settlement Group (ISG)
Supplier Volume Allocation Group (SVG)



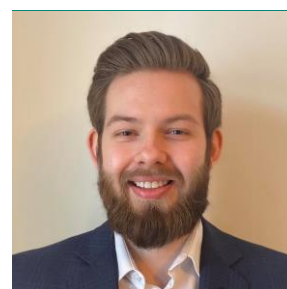
Contact

George Crabtree

020 7380 4017

BSC.change@elexon.co.uk

george.crabtree@elexon.co.uk



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About This Document

This document provides information on a new Change Proposal (CP) and outlines our proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch.

We are presenting this paper to the ISG and SVG at their respective meetings on 1 June 2021 to capture any comments, or questions from Committee Members on this CP before we issue it for consultation.

There are 3 parts to this document:

- This is the main document. It provides a summary of the solution, impacts, anticipated costs, and proposed implementation approach, as well as our proposed progression approach for this CP.
- Attachment A contains the CP proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP solution.

ISG242/02

CP Progression Paper

1 June 2021

Version 1.0

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1 Summary?

Why change?

Elxon is currently only able to conduct Specific Sample Audits on Supplier Volume Allocation (SVA) sites, which limits our ability to assure the integrity of Settlement across Central Volume Allocation (CVA) sites.

The Technical Assurance of Metering (TAM) Performance Assurance Technique (PAT) monitors compliance of Metering Systems against requirements in the BSC and its subsidiary documents. It comprises of a combination of on-site Inspection Visits and remote Desktop Audits, on Half Hourly (HH) Supplier Volume Allocation (SVA) and Central Volume Allocation (CVA) Metering Systems.

The Performance Assurance Board (PAB) have the option to request a Specific Sample through the TAM, which focuses on an area of perceived risk to Settlement. However, we are currently only able to undertake a Specific Sample on SVA Metering Systems, which limits our ability to provide targeted Assurance on CVA Metering Systems.

Solution

Removal of the 'SVA only' clause from '[BSCP27 Technical Assurance of Half Hourly Metering Systems for Settlement Purposes](#)'. In place, wording will be amended to 'CVA and SVA' to make clear that Specific Samples under the TAM technique can be a mix of both CVA and SVA sites.

Impacts and costs

This CP is expected to impact CVA Registrants, Central Data Collection Agents (CDCA), the Technical Assurance Agent (TAA), Distribution System Operators (DSO) and Meter Operator Agents (MOA).

Elxon currently has a workaround in place to complete these audits. As such there is no increase on current activities, and thus this CP is not expected to incur any increased costs to industry.

The cost of amending these documents is expected to be <£1k.

Implementation

This CP is recommended for implementation on 4 November 2021 as part of the scheduled November 2021 BSC Release.

2 Why Change?

What is the issue?

The TAM PAT monitors compliance of Metering Systems against requirements in the BSC and its subsidiary documents. It comprises of a combination of on-site Inspection Visits and remote Desktop Audits, on HH SVA and CVA Metering Systems.

The PAB have the option to request a Specific Sample through the TAM, which focuses on an area of perceived risk to Settlement. However, we are currently only able to undertake a Specific Sample on SVA Metering Systems, which limits our ability to provide targeted Assurance on CVA Metering Systems.

This lack of flexibility in the application of the TAM Audits on the CVA market was highlighted in December 2020 following the identification of Annual Demand Ratio (ADR) error at a Grid Supply Point (GSP) in GSP Group A. Elexon has developed a workaround to support ADR investigations. However, to assure the wider CVA market, we need an enduring solution that will allow us to have Specific Samples for all CVA sites.

Background

Technical Assurance of Metering Systems

The TAM is a detective technique which is part of the suite of techniques under the Performance Assurance Framework (PAF) to check the compliance of Metering Systems. The TAA performs an annual audit made up of individual Inspection Visits.

The annual audit consists of a combination of sampled and targeted Inspection Visits and Desktop Audits, to sites with Half Hourly Metering Systems registered in SVA and CVA.

The TAA is a BSC Agent commissioned and managed by Elexon. The TAA auditors are suitably qualified, trained and experienced to carry out Inspection Visits and have the appropriate authorisation throughout Great Britain. All TAA auditors carry copies of their authorisations to Inspection Visits.

The TAA will notify the relevant Registrant and the appointed agents of a Metering System that has been selected for audit at least 20 Working Days prior to the Inspection Visit date.

The Registrant is responsible for securing access to the site and Metering System that has been selected for audit. The Registrant should ensure that a suitably qualified MOA can attend.

For High Voltage sites and for Low Voltage sites with remote Current Transformers, the Registrant will also need to ensure that a Licensed Distribution System Operator (LDSO) engineer can attend.

Proposed solution

Removal of the 'SVA only' clause from Sections 1.8, 1.9 of BSCP27 as well as CVA roles being added to Section 3.3, which will allow for the PAB to request Specific Samples to be performed on CVA Metering Systems. In place, wording will be amended to 'CVA and SVA' to make clear that Specific Samples under the TAM technique can be a mix of both CVA and SVA sites.

Proposer's rationale

The removal of the 'SVA only' clause in BSCP27 will allow the PAB greater flexibility in its application of detective Assurance measures to the CVA market. The removal of the 'SVA only' clause was endorsed by the PAB at its February 2021 meeting (recommendation in paper '[PAB241 05 TAM Audit Scope](#)').

Furthermore, the CVA market is currently a focus for the PAB, as outlined in Elexon's Risk Operating Plan (ROP). As such, it is essential that the Technical Assurance Agent (TAA) is not hindered in its ability to perform site inspections at the PABs discretion.

Proposed redlining

The proposed redlining to BSCP27 for this CP can be found in Attachment B of this paper.

Further, we have made a number of housekeeping changes to BSCP27 as listed below:

Copyright Disclaimer, Footer and section 4.1: Amended ELEXON to Elexon to align to updated Elexon branding.

Section 1.2: Amended the shortened title of Technical Assurance to it's full title of Technical Assurance of Half Hourly Metering Systems for Settlement Purposes for clarity.

Section 1.2: Updated numbering.

Section 1.14: Corrected a spelling error.

Section 3.6, 3.8A and 3.10: Updated number referencing within the table.

Removal of double spaces throughout the document.

4 Impacts and Costs

BSC Party & Party Agent impacts and costs

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
CDCA	Where the PAB has requested a CVA Specific Sample, fulfil obligations as outlined in BSCP27.
CVA Registrant	
DSO	
MOA	
NGESO	
TAA	

Central impacts and costs

Central impacts

This CP requires changes to BSCP27 with a potential minor system change.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP27	<p>It is possible that the TAA will have to update a table in the TAAMT system.</p> <p>This will not be possible until the completion of the TAAMT2 project (July 2021). However, any system updates will likely be minor, with costs covered through the assurance budget.</p>

Impact on BSC Settlement Risks

Impact on BSC Settlement Risks
<p>Elxon expects a positive impact on Settlement Risk as CVA Specific Samples will allow the PAB greater flexibility in applying assurance measures against the following Risks:</p> <ul style="list-style-type: none">020 CVA Risk: Metering Equipment Installation and Commissioning;021 CVA Risk: Retrieval and Processing of Metered Data;022 CVA Risk: Metering system technical details are not created or notified correctly;023 CVA Risk: Fault resolution; and024 CVA Risk: Reference Data. <p>It will also reduce administration effort for Elxon when having to put a work around in place.</p>

Central costs

The central implementation costs for the CP will be approximately <£1k.

5 Implementation Approach

Recommended Implementation Date

This CP is recommended for implementation on 4 November 2021 as part of the scheduled November 2021 BSC Release.

This must be in place ahead of the next Performance Assurance Operating Period which commences in April 2022 to provide the PAB with the option of requesting a CVA Specific Sample in the TAM audit scope for 2022 onwards.

6 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for the CP:

Progression Timetable	
Event	Date
CP Progression Paper presented to ISG for information	1 Jun 2021
CP Progression Paper presented to SVG for information	1 Jun 2021
CP Consultation	7 Jun 2021 – 2 Jul 2021
CP Assessment Report presented to ISG for decision	3 Aug 2021
CP Assessment Report presented to SVG for decision	3 Aug 2021
Proposed Implementation Date	4 Nov 2021 (Nov 2021 Release)

CP Consultation questions

We intend to ask the standard CP Consultation questions for the CP. We do not believe any additional questions need to be asked for this CP.

Standard CP Consultation Questions
Do you agree with the CP proposed solution?
Do you agree that the draft redlining delivers the CP proposed solution?
Will the CP impact your organisation?
Will your organisation incur any costs in implementing the CP?
Do you agree with the proposed implementation approach for this CP?

7 Recommendations

We invite you to:

- **NOTE** the proposed progression timetable for the CP;
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation; and
- **NOTE** that the CP will be presented to:
 - the ISG on 1 June 2021; and
 - the SVG on 1 June 2021.

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
ADR	Annual Demand Ratio
BSC	Balancing and Settlement Code
CDCA	Central Data Collection Agents
CVA	Central Volume Allocation
DSO	Distribution System Operator
GSP	Grid Supply Point
HH	Half Hourly
ISG	Imbalance Settlement Group (<i>Committee</i>)
LDSO	Licensed Distribution System Operator
MOA	Meter Operator Agents
PAB	Performance Assurance Board
PAF	Performance Assurance Framework
PAT	Performance Assurance Technique
REC	Retail Energy Code
ROP	Risk Operating Plan
SVA	Supplier Volume Allocation
SVG	Supplier Volume Allocation Group (<i>Committee</i>)
TAA	Technical Assurance Agent
TAM	Technical Assurance of Metering
TAAMT	Technical Assurance Agent Management Tool

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
2	BSCP27 'Technical Assurance of Half Hourly Metering Systems for Settlement Purposes'	https://www.elexon.co.uk/csd/bscp27-technical-assurance-of-half-hourly-metering-systems-for-settlement-purposes/
4	PAB241/05 TAM Audit Scope	https://www.elexon.co.uk/meeting/pab241/