

# CP Progression Paper

## CP1458 'Introduction of timescales for the P283 Commissioning process for SVA CT operated Metering Systems'

**ELEXON**



---

### Committee

Supplier Volume Allocation Group



---

### Contact

**Claire Kerr**

020 7380 4293

[claire.kerr@elexon.co.uk](mailto:claire.kerr@elexon.co.uk)



### Contents

<b>1</b>	Why Change?	<b>2</b>
<b>2</b>	Solution	<b>4</b>
<b>3</b>	Impacts and Costs	<b>5</b>
<b>4</b>	Implementation Approach	<b>6</b>
<b>5</b>	Proposed Progression	<b>6</b>
<b>6</b>	Recommendations	<b>7</b>
	Appendix 1: Glossary & References	<b>8</b>

### About This Document

This document provides information on new Change Proposal (CP) CP1458 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 capture any comments or questions from Supplier Volume Allocation Group (SVG) Members on this CP before we issue it for consultation.

There are three 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 CP1458 proposal form.
- Attachment B contains a diagram detailing the proposed timescales for CP1458.

---

SVG181/06

CP1458  
CP Progression Paper

---

22 February 2016

---

Version 1.0

---

Page 1 of 9

---

© ELEXON Limited 2016



## Approved Modification P283

[Approved Modification P283 'Reinforcing the Commissioning of Metering Equipment Processes'](#) was implemented on 6 November 2014. The Modification placed Commissioning obligations on the equipment owner, shifting responsibility for Commissioning of Measurement Transformers from the Meter Operator Agent (MOA) to the Licensed Distribution System Operator (LDSO) (or Transmission Company where applicable). It also placed an obligation on the MOA to inform the Registrant of the Commissioning status for each Metering System.

Under P283, MOAs retain responsibility for assessing the overall accuracy of the Metering System. Introducing an obligation for the MOA to communicate the Commissioning status of a Metering System to the Registrant of that Metering System (typically the Supplier) was intended to ensure that the Supplier had a complete picture of the status of its Half Hourly (HH) portfolio. The Supplier could then take corrective action where there was a gap in the Commissioning process.

## What is the Technical Assurance of Performance Assurance Parties?

Technical Assurance of Performance Assurance Parties (TAPAP) is a detective technique in ELEXON's [Performance Assurance Framework \(PAF\)](#). The aim of TAPAP is to determine where Parties are meeting their BSC obligations and to identify weakness in the BSC processes (and other processes as appropriate). TAPAP checks are targeted at key market performance and risk areas on an annual basis, usually highlighted through the BSC Audit.

### TAPAP checks for P283 processes

During the period of January – March 2015, ELEXON performed a TAPAP check on the P283 process and its implementation. This check was done for new Metering Systems installed for HH Measurement Class 'C' (Mandatory 100kW or above HH metered) on or after 6 November 2014. This was carried out across LDSOs, HHMOAs and Suppliers. Performing the check soon after implementation meant that we could identify breakdowns in the process early, and take action to resolve these. The findings were presented to the Performance Assurance Board (PAB) at its meeting on 23 April 2015 ([PAB171/05](#)).

Following this TAPAP check, ELEXON set up a workgroup and met with members of the original Code of Practice (CoP) 4 guidance group, which was created during the implementation of P283. This first meeting took place in August 2015 where initial timescales were proposed.

After the results of the 2014/15 P283 TAPAP check, the PAB requested that ELEXON performed another check on the P283 Commissioning processes under the same scope. The second check was performed during September – November 2015 and the results were presented to the PAB at its meeting on 17 December 2015 ([PAB179/06](#)). The findings from both TAPAP checks can be found on the [Technical Assurance of Performance Assurance Parties](#) page of our website. Both checks highlighted a need for timescales throughout the end-to-end P283 Commissioning process.

A second workgroup meeting took place in January 2016 (following the findings report presented to PAB179 in December) which also included representatives from some of the

### What is Commissioning?

Commissioning is a series of tests and checks, used to demonstrate that Metering Equipment complies with the relevant Code of Practice and is therefore working properly. Any failures identified during the Commissioning process must be addressed before the Metering System becomes effective in Settlement.

---

SVG181/06

CP1458

CP Progression Paper

---

22 February 2016

Version 1.0

---

Page 2 of 9

© ELEXON Limited 2016

Parties and Party Agents involved in the checks. This was to ensure that the timescales were still fit for purpose following the second set of findings.

## What is the issue?

[Balancing and Settlement Code \(BSC\) Section L2.3.2](#) states that the Registrant must make 'all reasonable endeavours' to commission before energisation. However, it does not specify in what timescales Commissioning and its related activities should be completed. Current practices mean that the amount of time taken to commission their Metering Equipment and respond to communications is at the discretion of the Party or Party Agent. This communication includes, and is not restricted to, current transformer (CT) and voltage transformer (VT) Calibration Certificates, Commissioning records for each piece of Metering Equipment and notifications to the Supplier of the Commissioning status of the Metering System.

ELEXON and members of the timescales workgroup agreed a set of timescales and this Change Proposal (CP) has been raised to incorporate these into the current processes.

### Proposed solution

[CP1458 'Introduction of timescales for the P283 Commissioning process for SVA CT operated Metering Systems'](#) was raised by ELEXON on 16 February 2016.

CP1458 seeks to introduce timescales for activities performed during the Commissioning process and for the communications obligations introduced under P283. These timescales apply only to the Supplier Volume Allocation (SVA) market and CT operated Metering Systems.

The proposed timescales relate to the LDSO, MOA and Supplier activities. To ensure that the process is completed within a reasonable timescale, and is completed before incorrect data can enter Settlement, timescales have been built around the:

- 'live' energisation status in the Supplier Meter Registration Service (SMRS); and
- Settlement Run timescales for the Initial Settlement Run (SF).

The overall process should take no longer than 26 Working Days.

Attachment B's diagram shows the proposed timescales for CP1458. It is only illustrative of when the LDSO owns the Measurement Transformers; slightly different timescales will apply when these are not owned by a BSC Party. In this case the MOA will perform the Commissioning but the total time taken for the end-to-end process will be the same.

### Proposer's rationale

During the recent TAPAP checks, we witnessed long delays in Commissioning where the Metering System had already become energised in SMRS. This presents a high risk to Settlement. We therefore used a month as a benchmark to judge whether 'all reasonable endeavours' to commission before energisation had been made as detailed in BSC Section L2.3.2. This benchmark was used to consider the time between the Metering System Identifiers (MSIDs) becoming live and data entering SF with the view that this would be the point at which there would be a risk to Settlement. If the Party or Party Agents had made a number of attempts to perform the work then this was classed as 'reasonable'. However, if no attempt was made, this was not classed as 'reasonable'. This approach was supported by the PAB.

In the worst case, a Metering System was left without being commissioned for up to ten months after energisation. Of the total sample, 50% of LDSO sites and 49% of MOA sites had not been commissioned at all or within a reasonable timescale.

The introduction of timescales into [BSC Procedure \(BSCP\) 514 'SVA Meter Operations for Metering System Registered in SMRS'](#) and [BSCP515 'Licensed Distribution'](#) will set a standard for Commissioning timescales. Furthermore, it will set a standard for the sending and receiving of communications for each relevant Party or Party Agent for the installation and Commissioning of its Metering Systems. Feedback from industry during the TAPAP checks also indicated that timescales were welcomed in order for the process to be performed efficiently.

## 3 Impacts and Costs

### Central impacts and costs

#### Central impacts

CP1458 will require changes to BSCP514 and BSCP515.

In addition, we will include a housekeeping update to BSCP514 Section 2.4.1 a). It currently contains a requirement for the MOA to send Commissioning information to the HH Data Collector (DC) upon any change of Meter Technical Details (MTDs), any change of associated DC or upon the MOA's appointment to an SVA Metering System. The Commissioning information is of no use to the HHDC and is not a requirement in any process. This obligation is therefore redundant and needs to be removed

No system changes are required to implement this CP and there will be no impact on BSC Agents.

#### Central costs

The central implementation costs for CP1458 will be approximately £240 (one ELEXON man day) to implement the relevant document changes.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none"><li>BSCP514</li><li>BSCP515</li></ul>	<i>None</i>

### BSC Party & Party Agent impacts and costs

CP1458 is expected to impact Suppliers, LDSOs (including Independent Distribution Network Operators (IDNOs)) and MOAs. We believe that minor process changes will be required to implement the solution but we will confirm this through the CP Consultation.

No other BSC Parties or Party Agents are expected to be impacted.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Suppliers	Changes will be required to implement the solution.
LDSOs	
IDNOs	
MOAs	

SVG181/06

CP1458  
CP Progression Paper

22 February 2016

Version 1.0

Page 5 of 9

© ELEXON Limited 2016

## 4 Implementation Approach

### Recommended Implementation Date

CP1458 is proposed for implementation on **30 June 2016** as part of the June 2016 BSC Systems Release.

The June 2016 Release is the next available Release that can include this CP.

Tackling the Commissioning issues raised by the TAPAP checks is currently part of the [BSC Panel Strategic Work Programme](#). Having looked at the recent TAPAP check results, the PAB is also keen to implement this change as soon as possible.

## 5 Proposed Progression

### Progression timetable

The table below outlines the proposed progression plan for CP1458:

Progression Timetable	
Event	Date
CP Progression Paper presented to SVG for information	1 Mar 16
CP Consultation	7 Mar 16 – 1 Apr 16
CP Assessment Report presented to SVG for decision	3 May 16
Proposed Implementation Date	30 Jun 16 (Jun 16 Release)

### CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1458. We do not believe any additional questions need to be asked for this CP.

#### Standard CP Consultation Questions

Do you agree with the CP1458 proposed solution?
Do you agree that the draft redlining delivers the CP1458 proposed solution?
Will CP1458 impact your organisation?
Will your organisation incur any costs in implementing CP1458?
Do you agree with the proposed implementation approach for CP1458?

SVG181/06

CP1458  
CP Progression Paper

22 February 2016

Version 1.0

Page 6 of 9

© ELEXON Limited 2016

## 6 Recommendations

We invite you to:

- **NOTE** that CP1458 has been raised;
- **NOTE** the proposed progression timetable for CP1458; and
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation.

---

SVG181/06

CP1458  
CP Progression Paper

---

22 February 2016

---

Version 1.0

---

Page 7 of 9

---

© ELEXON Limited 2016

## Appendix 1: Glossary & References

### Acronyms

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

Acronyms	
Acronym	Definition
BSC	Balancing and Settlement Code ( <i>Industry Code</i> )
BSCP	Balancing and Settlement Code Procedure ( <i>Code Subsidiary Document</i> )
CoP	Code of Practice
CP	Change Proposal
CPC	Change Proposal Circular
CT	current transformer
DC	Data Collector ( <i>Party Agent</i> )
HH	Half Hourly
IDNO	Independent Distribution Network Operator ( <i>BSC Party</i> )
LDSO	Licensed Distribution System Operator ( <i>BSC Party</i> )
MOA	Meter Operator Agent ( <i>Party Agent</i> )
MSID	Metering System Identifier
MTD	Meter Technical Details
PAB	Performance Assurance Board ( <i>Panel Committee</i> )
PAF	Performance Assurance Framework
SF	Settlement Run
SMRS	Supplier Meter Registration Service
SVA	Supplier Volume Allocation
SVG	Supplier Volume Allocation Group ( <i>Panel Committee</i> )
TAPAP	Technical Assurance of Performance Assurance Parties
VT	voltage transformer

### 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	P283 page on the ELEXON website	<a href="https://www.elexon.co.uk/mod-proposal/p283/">https://www.elexon.co.uk/mod-proposal/p283/</a>

SVG181/06

CP1458  
CP Progression Paper

22 February 2016

Version 1.0

Page 8 of 9

© ELEXON Limited 2016

External Links		
Page(s)	Description	URL
2	Performance Assurance Framework page on the ELEXON website	<a href="https://www.elexon.co.uk/reference/market-compliance/performance-assurance/performance-assurance-techniques/">https://www.elexon.co.uk/reference/market-compliance/performance-assurance/performance-assurance-techniques/</a>
2	PAB 171 page on the ELEXON website	<a href="https://www.elexon.co.uk/meeting/pab-171/">https://www.elexon.co.uk/meeting/pab-171/</a>
2	PAB 179 page on the ELEXON website	<a href="https://www.elexon.co.uk/meeting/pab-179/">https://www.elexon.co.uk/meeting/pab-179/</a>
2	TAPAP page on the ELEXON website	<a href="https://www.elexon.co.uk/reference/market-compliance/audits/technical-assurance-of-performance-assurance-parties/">https://www.elexon.co.uk/reference/market-compliance/audits/technical-assurance-of-performance-assurance-parties/</a>
3	BSC Sections page on the ELEXON website	<a href="https://www.elexon.co.uk/bsc-related-documents/balancing-settlement-code/bsc-sections/">https://www.elexon.co.uk/bsc-related-documents/balancing-settlement-code/bsc-sections/</a>
4	CP1458 page on the ELEXON website	<a href="https://www.elexon.co.uk/change-proposal/cp1458/">https://www.elexon.co.uk/change-proposal/cp1458/</a>
4	BSCPs page on the ELEXON website	<a href="https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/">https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/</a>
6	BSC Panel Strategy on the ELEXON website	<a href="https://www.elexon.co.uk/group/the-panel/">https://www.elexon.co.uk/group/the-panel/</a>

SVG181/06

CP1458

CP Progression Paper

22 February 2016

Version 1.0

Page 9 of 9

© ELEXON Limited 2016