

CP Progression Paper

CP1450 'Security Requirements for CoP10 Metering Equipment'

ELEXON



Committee

Supplier Volume Allocation Group



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About This Document

This document provides information on new Change Proposal (CP) CP1450. It 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 CP1450 proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP1450 solution.

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1 Why Change?

What is the SMETS?

The Department of Energy and Climate Change (DECC)'s Smart Metering Implementation Programme (SMIP) has defined requirements for Smart Metering arrangements, which impact existing electricity and gas codes. These requirements are known as the Smart Metering Equipment Technical Specification (SMETS).

In general, Meters that comply with version 2 of the SMETS (SMETS2) will also comply with the main requirements of [Code of Practice \(CoP\) 10 'Metering of Energy via Low Voltage Circuits for Settlement Purposes'](#).

What is the issue?

SMETS2 Meters will not meet the exact 'Security Regime Requirements' in Section 5.6 of CoP10, which requires the use of three levels of password to control access. Instead, the Smart Key Infrastructure (SMKI) used for SMETS2 Meters will provide a higher level of security. Therefore, by exceeding the security requirements in CoP10, a SMETS2 Meter would be compliant with CoP10. CoP10 would therefore benefit from an explicit statement to this effect.

Subject to meeting the additional CoP10 requirements set out in our ['BSC Codes of Practice and Smart Meters'](#) guidance note, SMETS Meters can be used for Half Hourly (HH) Settlement. We presented this guidance note to the SVG on 30 June 2015 for review ([SVG173/04](#)). The SVG agreed that, by exceeding the security requirements in CoP10, a SMETS2 Meter would be compliant with CoP10. The SVG asked us to raise a CP to include an explicit statement to this effect in CoP10.

Proposed solution

[CP1450 'Security Requirements for CoP10 Metering Equipment'](#) was raised by ELEXON on 18 September 2015. It proposes to amend CoP10 Section 5.6 to state that Metering Equipment shall either:

- comply with the SMETS, and therefore the security requirements; or
- allow for at least the levels of access currently defined.

In addition, a cross-reference to the BSC definition of SMETS will be added to CoP10 Section 2 'References'.

Proposer's rationale

We believe that the proposed change will remove a barrier to elective HH Settlement for domestic and small non-domestic Metering Systems. It will ensure that Meters that comply with the SMETS will also meet the CoP10 security requirements.

Proposed redlining

Attachment B contains the proposed changes to CoP10 to deliver CP1450.

3 Impacts and Costs

Central impacts and costs

CP1450 will require changes to CoP10. No system changes are required and there will be no impact on BSC Agents.

The central implementation costs for CP1450 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">CoP10	<i>None</i>

BSC Party & Party Agent impacts and costs

CP1450 is expected to impact Suppliers and HH Meter Operator Agents (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.
HHMOAs	

4 Implementation Approach

Recommended Implementation Date

CP1450 is proposed for implementation on **25 February 2016** as part of the February 2016 BSC Systems Release.

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

5 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for CP1450:

Progression Timetable	
Event	Date
CP Progression Paper presented to SVG for information	29 Sep 15
CP Consultation	05 Oct 15 – 30 Oct 15
CP Assessment Report presented to SVG for decision	01 Dec 15
Proposed Implementation Date	25 Feb 16 (Feb 16 Release)

CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1450. We do not believe any additional questions need to be asked for this CP.

Standard CP Consultation Questions
Do you agree with the CP1450 proposed solution?
Do you agree that the draft redlining delivers the CP1450 proposed solution?
Will CP1450 impact your organisation?
Will your organisation incur any costs in implementing CP1450?
Do you agree with the proposed implementation approach for CP1450?

6 Recommendations

We invite you to:

- **NOTE** that CP1450 has been raised;
- **NOTE** the proposed progression timetable for CP1450; and
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation.

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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>)
CoP	Code of Practice (<i>Code Subsidiary Document</i>)
CP	Change Proposal
CPC	Change Proposal Circular
HH	Half Hourly
MOA	Meter Operator Agent (<i>Party Agent</i>)
SMETS	Smart Metering Equipment Technical Specifications
SMKI	Smart Metering Key Infrastructure
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)

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	Codes of Practice page on the ELEXON website	https://www.elexon.co.uk/bsc-related-documents/related-documents/codes-of-practice/
2	Metering page on the ELEXON website	https://www.elexon.co.uk/reference/technical-operations/metering/
2	SVG173 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-173/
3	CP1450 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1450/

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