

CP Progression Paper

CP1466 'Removing SMETS compliant Meters from the scope of BSCP601'

ELEXON



Committee

Supplier Volume Allocation
Group / Imbalance
Settlement Group



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About This Document

This document provides information on new Change Proposal (CP) CP1466 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 and Imbalance Settlement Group (ISG) 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 CP1466 proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP1466 solution.

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1 Why Change?

Settlement Reform Advisory Group recommendations

The [Settlement Reform Advisory Group](#) (SRAG) identified a number of changes required to facilitate elective Half Hourly (HH) Settlement for Data Communications Company (DCC) enrolled smart Meters.

The SRAG presented its report to the BSC Panel in February 2016 ([BSC Panel 249/13A](#)). The Panel noted that changes would be raised to progress the SRAG recommendations, including this CP.

What is the issue?

The SRAG recommended changes to [BSC Procedure \(BSCP\) 601 'Metering Protocol Approval and Compliance Testing'](#) to remove the requirement of protocol approval for Smart Metering Equipment Technical Specifications (SMETS) compliant Meters.

The rationale for this is that the method of communication with SMETS2 Meters will be via the DCC infrastructure. Hence, the method of communication with the Meter will be common for all Meters serviced by the DCC Communication Service Providers.

Currently the HH data from SMETS1 (Foundation) Meters will be collected by Supplier Agents. The SRAG recommended that protocol approval requirements should also be removed for SMETS1 Meters to remove barriers to HH Settlement for these Meters, which are likely to be adopted by the DCC in the future.

Additionally, the SRAG recommended that smart Meters would not require Code of Practice (CoP) compliance testing because they are already required to be compliant with the SMETS. Compliance testing for the SMETS is the responsibility of Suppliers. This would also be achieved by the removal of SMETS compliant Meters from the scope of BSCP601. By removing SMETS Meters from the scope of BSCP601, any Meters that comply with a future version of SMETS will also be exempt from CoP compliance testing¹.



What was the SRAG?

The SRAG was a group established by the BSC Panel to help develop solutions to address small scale Settlement issues related to the balancing arrangements. At BSC Panel 249 the SRAG was stood down.



Protocol approval

Applicants who wish to collect data from an Outstation must demonstrate that their Installation can communicate appropriately using the device's protocol. A protocol, in the context of an Outstation, is the set of rules governing the communication of data between the Outstation and any other device connected to it. It is usually designed by the manufacturer of the Outstation.

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¹ The requirements for future versions of SMETS may require reconsideration of testing requirements for Settlement purposes e.g. if a SMETS version with Meter variants using Current Transformer was introduced.

Proposed solution

[CP1466 'Removing SMETS compliant Meters from the scope of BSCP601'](#) was raised by ELEXON on 18 May 2016.

This CP proposes to include a statement in BSCP601 Section 1.1 'Scope and Purpose of the Procedure' to specify that the BSCP does not apply to SMETS compliant Metering Equipment. Excluding SMETS compliant Meters from the scope of BSCP601 will also mean that smart Meters do not need CoP compliance testing. For the avoidance of doubt, this only removes the testing requirements; it does not remove the requirement for these Meters to be CoP compliant.

The statement referring to SMETS in BSCP601 Section 3.4.22 'Level 1 Passwords' introduced by [CP1450 'Security Requirements for CoP10 Metering Equipment'](#) will also be removed as part of CP1466. If the requirement for compliance testing is removed, the exception in relation to the SMETS security arrangements is no longer relevant.

Proposer's rationale

Suppliers are having Meters built that comply with the SMETS and Ofgem is seeking to remove barriers to elective HH Settlement.

BSCP601 protocol testing will not be required for SMETS compliant Meters because the method of communication with the Meter will be common for all SMETS Meters serviced by the DCC Communication Service Providers (Arqiva and Telefonica).

Ofgem is also seeking to remove barriers to elective HH Settlement for SMETS1 Meters, and it is therefore proposed that SMETS1 Meters are also removed from the scope of BSCP601.

Proposed redlining

Attachment B contains the proposed changes to BSCP601 to deliver CP1466.

The SVG and ISG jointly own BSCP601 and so both committees need to approve CP1466.

3 Impacts and Costs

Central impacts and costs

CP1466 will require a change to BSCP601. No central system changes are required and there will be no impact on BSC Agents.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP601	<i>None</i>

The central implementation costs for CP1466 will be approximately £240 (one ELEXON man day) to implement the document changes.

BSC Party & Party Agent impacts and costs

The changes to BSCP601 proposed by CP1466 are document changes only. We believe this change will have no impact on Suppliers but may have a small impact on Half Hourly Data Collectors (HHDCs).

Suppliers are already required to ensure smart Metering meets the SMETS requirements, so this change does not impose any additional costs or impacts on Suppliers.

HHDCs will need to communicate with the Supplier to determine if a Meter Type is SMETS compliant. If a Meter Type is not SMETS compliant then the HHDC will need to carry out protocol approval.

BSC Party Agent Impacts	
BSC Party Agent	Impact
HHDC	Additional communication required to determine if a Meter Type is SMETS compliant

4 Implementation Approach

Recommended Implementation Date

CP1466 is proposed for implementation on **23 February 2017** as part of the February 2017 BSC Systems Release.

This Implementation Date is proposed to meet the expectations of Ofgem on the progression of changes relating to elective HH Settlement, as set out in the Ofgem [‘Elective half-hourly Settlement conclusions paper’](#).

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5 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for CP1466:

Progression Timetable	
Event	Date
CP Progression Paper presented to SVG for information	02 Aug 16
CP Progression Paper presented to ISG for information	23 Aug 16
CP Consultation	12 Sep 16 – 07 Oct 16
CP Assessment Report presented to SVG for decision	01 Nov 16
CP Assessment Report presented to ISG for decision	22 Nov 16
Proposed Implementation Date	23 Feb 17 (Feb 17 Release)

CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1466. We do not believe any additional questions need to be asked for this CP.

Standard CP Consultation Questions
Do you agree with the CP1466 proposed solution?
Do you agree that the draft redlining delivers the CP1466 proposed solution?
Will CP1466 impact your organisation?
Will your organisation incur any costs in implementing CP1466?
Do you agree with the proposed implementation approach for CP1466?

6 Recommendations

We invite you to:

- **NOTE** that CP1466 has been raised;
- **NOTE** the proposed progression timetable for CP1466;
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation; and
- **NOTE** that CP1466 was presented to the SVG for initial comments on 2 August 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
BSCP	BSC Procedure
CoP	Code of Practice
CP	Change Proposal
CPC	Change Proposal Circular
DCC	Data Communications Company
HH	Half Hourly
HHDC	Half Hourly Data Collector
ISG	Imbalance Settlement Group
SMETS	Smart Metering Equipment Technical Specifications
SRAG	Settlement Reform Advisory Group
SVG	Supplier Volume Allocation Group

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	Description	URL
2	SRAG page of the ELEXON Website	https://www.elexon.co.uk/group/settlement-advisory-reform-group-srag/
2	SRAG Report to the Panel	https://www.elexon.co.uk/wp-content/uploads/2015/10/27_249_13A_SRA_G_Report_PUBLIC2.pdf
2	BSCP page of the ELEXON Website	https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/
3	CP1466 page of the ELEXON Website	https://www.elexon.co.uk/change-proposal/cp1466/
3	CP1450 page of the ELEXON Website	https://www.elexon.co.uk/change-proposal/cp1450/
4	Elective HH Settlement conclusions paper on Ofgem website	https://www.ofgem.gov.uk/publications-and-updates/elective-half-hourly-settlement-conclusions-paper

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