

CP1466 DECISION PAPER

MEETING NAME	BSC Panel
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Date of meeting	8 December 2016
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Paper number	261/09
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Owner/author	Paul Cave
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Purpose of paper	Decision
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Classification	Public
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Summary	This paper invites the Panel to approve Change Proposal (CP) CP1466 'Removing SMETS compliant Meters from the scope of BSCP601'.
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CP1466 was presented to the Supplier Volume Allocation Group (SVG) and the Imbalance Settlement Group (ISG) for decision, as impacted BSCP601 is jointly owned by the SVG and the ISG. The SVG approved CP1466 on 1 November 2016; however the ISG rejected CP1466 on 22 November 2016. Therefore, the decision on CP1466 is reverted to the Panel for final decision.

1. Background

- 1.1 ELEXON raised [CP1466 'Removing SMETS compliant Meters from the scope of BSCP601'](#) on 14 June 2016.
- 1.2 CP1466 proposes to remove the requirements of protocol approval and Code of Practice compliance testing for Smart Metering Equipment Technical Specifications (SMETS) compliant Meters. This will be achieved by removing SMETS compliant Meters from the scope of [BSCP601 'Metering Protocol Approval and Compliance Testing'](#). Further details of the change can be found in Attachments A to D.
- 1.3 BSCP601 is jointly owned by the SVG and the ISG under the BSC Baseline Statement. Therefore, CP1466 was presented to both the SVG and the ISG in November 2016 for decision.
- 1.4 The SVG approved CP1466 on 1 November 2016 ([SVG189/05](#)), however the ISG rejected CP1466 on 22 November 2016 ([ISG187/01](#)).
- 1.5 Section 4.4.1¹ of the SVG Terms of Reference (ToR) and the ISG ToR, states that if a matter is required to be voted upon by two (or more) Panel Committees, and those Committees have conflicting views, then the matter shall be reverted to the Panel for final decision.

2. Committee decisions

SVG

- 2.1 The SVG agreed with the removal of compliance testing for SMETS1 and SMETS2 Meters, and the removal of protocol approval for SMETS2 Meters. After considering the possible risk posed to Settlement, the SVG also agreed to remove protocol approval for SMETS1 Meters. As such, the SVG unanimously approved CP1466.
- 2.2 The SVG recognised that Smart Meter System Operators (SMSOs) retrieve Half Hourly (HH) Meter readings for SMETS1 Meters, rather than Half Hourly Data Collectors (HHDCs), and that protocol approval in BSCP601

¹ [SVG Terms of Reference](#) / [ISG Terms of Reference](#), 4.4.1 'Notwithstanding paragraph 5.5, where a matter is required to be voted upon by two or more Panel Committees and those Panel Committees have a conflicting view when determining the matter then such delegated matter shall revert back to the Panel for final decision.'

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only applies to HHDCs. The SVG also noted that SMSOs are also responsible for retrieving Non Half Hourly (NHH) readings from SMETS1 Meters using the relevant protocols. The SVG agreed that retrieving HH readings from the Meters should pose minimal additional risk because SMETS1 Meters are not subject to the same complexities as HH Metering Equipment for larger sites, i.e. the sites for which protocol approval was designed.

- 2.3 The full SVG discussion can be found in Attachment A.

ISG

- 2.4 Like the SVG, the ISG agreed with the removal of compliance testing for SMETS1 and SMETS2 Meters, and the removal of protocol approval for SMETS2 Meters. However, they disagreed with the removal of protocol approval for SMETS1 Meters.
- 2.5 The ISG voiced their concern that the removal of protocol approval for SMETS1 Meters would pose a risk to Settlement. This concern was also raised by one CP Consultation respondent (Attachment D). The ISG noted that protocol approval provides assurance to the Supplier that when acquiring or wanting to service a SMETS1 Meter there is communications. An ISG Member also believed that not having protocol approval could be a barrier to elective HH Settlement.
- 2.6 ELEXON highlighted to the ISG that SMSOs collect Meter readings from SMETS Meters, rather than HHDCs. Protocol approval only applies to HHDCs. Therefore, protocol approval is a redundant process for SMETS Meters, and can be removed at minimal risk. The ISG noted that if this is the case, the Supplier, or the data retriever contracted by the Supplier, should require protocol approval.
- 2.7 The ISG felt they had too many reservations to not refer the decision to Panel. Six ISG Members objected to the recommendation to approve CP1466, and one ISG Member abstained from the vote. CP1466 was rejected by the ISG, and reverted to Panel for final decision.
- 2.8 The full ISG discussion can be found in Attachment A.

3. Clarity on protocol approval for SMETS1 Meters

- 3.1 BSCP601 only applies to HH Metering Equipment. Under BSCP601, HHDCs are required to ensure that approval (both compliance and protocol) is obtained for each type of Metering Equipment that it collects data for Settlement purposes. The definition of the Meter Outstation and the 'instation' in BSCP601 specifically reference Data Collectors.
- 3.2 The protocol approval process is to approve Metering Equipment protocol with a HHDC. This ensures a qualified HHDC is capable of appropriate communications with Metering Equipment. Approving Metering Equipment protocol with other roles, i.e. a Supplier, is not within scope of BSCP601.
- 3.3 Ofgem has aspirations to remove barriers to elective HH Settlement, and therefore removing protocol approval for SMETS1 Meters was included in the scope of CP1466. It is anticipated that the Data Communications Company (DCC)² will adopt SMETS1 Meters. However, it is possible that not all SMETS1 Meters will be enrolled in the DCC.
- 3.4 In the CP1466 Assessment Report (Attachment A), ELEXON indicated that the removal of protocol approval for SMETS1 Meters may poses a small risk to Settlement. However, following discussion at the SVG, it was concluded that the current protocol approval process in BSCP601 provides no assurance for SMETS1 Meters.

² The DCC recently published a consultation on options to enrol SMETS1 Meters: [Data Communication Company 'Consultation on Initial Enrolment Project Feasibility Report'](#).

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This is because the protocol approval process is only for HHDCs, whereas SMSOs collect readings for SMETS1 Meters. Therefore, protocol approval was viewed as a redundant process for SMETS1 Meters.

4. Options for CP1466

- 4.1 ELEXON has outlined the positives and negatives of approving or rejecting CP1466 in Appendix 1. Following assessment of each option, ELEXON recommends that CP1466 is approved. ELEXON notes that rejecting CP1466 would not address the ISG's concerns. This could only be achieved through subsequent changes to make SMSO a recognised role, and changes to CoP10³ and BSCP601 to allow protocol testing for SMSOs. These changes could be raised by a Party, regardless of CP1466 being approved or rejected. However, if CP1466 is rejected, the benefits of removing compliance testing for SMETS1 and SMETS2 Meters are also lost.

5. Recommendations

- 5.1 We invite you to:
- a) **NOTE** that the SVG approved CP1466 on 1 November 2016, but the ISG rejected CP1466 on 22 November 2016;
 - b) **APPROVE** CP1466 for implementation on 23 February 2017 as part of the February 2017 BSC Systems Release;
 - c) **AGREE** the amendments to the proposed redlining for BSCP601 for CP1466 made following the CP Consultation; and
 - d) **APPROVE** the proposed changes to BSCP601 for CP1466.

Appendices

Appendix 1 – Options for CP1466

Attachments

Attachment A – CP1466 Assessment Report

Attachment B – CP1466 Proposal Form

Attachment C – CP1466 Proposed Redlining

Attachment D – CP1466 Consultation Responses

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³ [Code of Practice 10: Code of Practice for Metering of Energy via Low Voltage Circuits for Settlement Purposes.](#)

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Appendix 1 – Options for CP1466

	Positives	Negatives
Approve CP1466.	<ul style="list-style-type: none">• Removes the requirements of CoP compliance testing for SMETS compliant Meters.• Removes protocol approval as a redundant process for SMETS Meters, and clarifies it isn't required.• Industry Party could still bring forward a CP to address the SMETS1 issue if considered necessary.	<ul style="list-style-type: none">• SMSOs collecting readings for SMETS1 Meters, without protocol approval. However, the SVG viewed this as low risk. Accepting or rejecting CP1466 has no impact on this issue.
Reject CP1466.	<ul style="list-style-type: none">• None.	<ul style="list-style-type: none">• Uncertainty whether protocol approval in BSCP601 applies to SMETS Meters.• SMSOs collecting readings for SMETS1 Meters, without protocol approval. However, the SVG viewed this as low risk. Accepting or rejecting CP1466 has no impact on this issue.• Further changes are required to remove DCC-serviced Meters from the scope of BSCP601.