

Change Proposal – BSCP40/02

CP No: 1289

Version No: v 1.0
(mandatory by BSCCo)

Title (mandatory by originator)

Correction to the Level 4 password requirement in Code of Practice 2

Description of Problem/Issue (mandatory by originator)

[CP1051 v3.0](#) 'Review of Metering Code of Practice 1 'The Metering of Circuits with a Rated Capacity exceeding 100MVA for Settlement Purposes' and Code of Practice 2 'Code of Practice for the Metering of Circuits with a rated Capacity not exceeding 100 MVA for settlement purposes'' was approved by the ISG and implemented in the February 2006 BSC Systems Release.

The summary of changes to Code of Practice (CoP) 1 and CoP2 as recommended by CoP1 and 2 Review Group, can be found on the [CP1051 webpage](#).

One of the recommended changes for both CoP1 and CoP2 was to include a new security regime for Meters with integral Outstations, to prevent unauthorised access to the data in the Metering Equipment. This new security regime introduced 4 password levels for retrieving and/or programming various metering parameters.

For example:

1. A level 3 password is needed when a Meter needs to be compensated for any measurement transformer errors and/or system losses, and this compensation factor is a constant factor applied over a Meter's entire dynamic range.
2. A level 4 password is needed when a Meter needs to be compensated for any measurement transformer errors and/or system losses, and this compensation factor is 'other than' a single (constant) factor (in other words, a complex factor). However, level 4 access can also be facilitated by breaking a seal on the Meter.

Due to an omission of the words '**other than**' during the implementation of changes into CoP2 Section 5.6 iv. c), the Level 4 password requirement for programming 'complex' compensation values appear as identical to the Level 3 requirement (Section 5.6 iii. c)) for constant compensation factors.

BSCP601 'Metering Protocol Approval and Compliance Testing', which contains the test requirements used by the compliance testing agent to confirm Metering Equipment compliance, is not impacted; as it already contains the correct test to check that complex values of compensation are applied via a Level 4 password (or by breaking a seal on the Meter).

Proposed Solution *(mandatory by originator)*

Amend CoP2 Section 5.6 iv. c) to reflect the original intention of the CoP1 and 2 Review Group and to make it consistent with CoP1 Section 5.6 iv. c). i.e.

‘iv. Level 4 Password for:

...

c) Setting the measurement transformer error correction and/or system loss factors where this is **other than** a single factor; and

...’

This is shown in the attached redline text.

Justification for Change *(mandatory by originator)*

The CoP 1 and 2 review intended for the Level 4 password requirements in CoPs 1 and 2 to be the same. Making this change will ensure that CoPs 1 and 2 and BSCP601 are consistent. We believe that this change will clarify obligations and prevent confusion, particularly for new participants.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? *(mandatory by originator)*

Yes. By adding clarity to the detailed obligations in the Code Subsidiary Documents, this CP will better facilitate Section L 3.2 ‘Compliance with Codes of Practice’.

Estimated Implementation Costs *(mandatory by BSCCo)*

The estimated ELEXON implementation cost is 1.25 man days, which equates to £275.

Configurable Items Affected by Proposed Solution(s) *(mandatory by originator)*

CoP2 ‘Code of Practice for the Metering of Circuits with a Rated Capacity Not Exceeding 100MVA for Settlement Purposes’

Impact on Core Industry Documents or System Operator-Transmission Owner Code *(mandatory by originator)*

None.

Related Changes and/or Projects *(mandatory by BSCCo)*

None.

Requested Implementation Date *(mandatory by originator)*

November 2009

Reason:

Next available release

Version History (*mandatory by BSCCo*)

This is version 1.0 of CP1289

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Attachments: Y

Attachment A: CoP 2 redlined (2 Pages)