

### 4.3 CP Form

<b>Change Proposal – BSCP40/02</b>	<b>CP No: 1508</b>  <i>Version No: 1.0</i> <i>(mandatory by BSCCo)</i>
<b>Title (mandatory by originator)</b>  Updating references to the British and International Standards within the relevant Code Subsidiary Documents.	
<b>Description of Problem/Issue (mandatory by originator)</b>  <p>The International Electrotechnical Commission (IEC) publishes and governs the International Standards for “electrotechnology”. Detailed within these standards, is the testing methodology and the limits of accuracy, under different testing conditions, that Metering Equipment must conform to, in order to be stamped and classified under the relevant standard.</p> <p>In addition to IEC Standards, Metering Equipment can also be required to conform to the British Standards, governed by the British Standards Institution (BSI). These standards may also be prefixed “BS EN” (European Normative) which indicates they are also accepted in Europe.</p> <p>Throughout the Codes of Practices (CoPs) and Balancing and Settlement Procedure 601 (BSCP601) reference is made to the standards and, in some cases particular sections of the standards, which Metering Equipment must conform to in order to also comply with the relevant Code Subsidiary Documents (CSDs). For example, a meter installed under CoP2 ‘The Metering of Circuits with a Rated Capacity not exceeding 100 MVA for Settlement Purposes’ must conform to “BS EN 62053-22 Class 0.5S”, “BS EN 50470-3 Class C”, or “BS EN 62053-11.”</p> <p>Many of the standards referenced in the CSDs are outdated and have either been withdrawn or superseded. This has the unintended impact of preventing parties installing Metering Equipment tested to the latest standard as they would be non-compliant to the Code, where the Code continues to reference the old standards.</p> <p>A generic Metering Dispensation (D/477) was approved by both the Imbalance Settlement Group (ISG) and Supplier Volume Allocation Group (SVG) to allow parties to install Metering Equipment to the latest standards that are not currently referenced in the CoPs.</p>	
<b>Proposed Solution (mandatory by originator)</b>  <p>ELEXON proposes to update all references to standards within the CSDs to their latest published equivalent.</p> <p>References throughout the CSDs to standards either detail “IEC” or “BS (EN)”. This could be interpreted as meaning for that particular Standard, a party must install Metering Equipment that was tested to International Standards but not standards adopted by the BSI or vice versa. ELEXON proposes to rectify this by changing all references to standards to be prefixed with “IEC/BS (EN)”, where both versions of the standard have been published and approved. Where the Standard is only published and approved by one organisation, then that organisation will be</p>	

the only body prefixed in the CSD.

ELEXON recognises that parties may have procured Metering Equipment that is tested and stamped to the older standard currently referenced in the Code to ensure compliance. If approved, this change would make the installation of this Metering Equipment non-compliant. This could be costly to parties that may have procured Metering Equipment in bulk and would be left with Metering Equipment they can no longer install. ELEXON is proposing, as part of this Change Proposal, to consult on whether this change will leave parties with stranded assets that cannot be installed compliantly. If this is the case, ELEXON will raise a temporary generic Metering Dispensation to allow the installation of Measurement Equipment tested and stamped to the replaced Standard to ensure existing assets purchased are not left stranded.

On 12 March 2018, ELEXON held an industry workgroup to discuss whether the new standards were still appropriate for Settlement. The workgroup determined that there was no risk to Settlement in updating the CoPs to reference the new standards. The workgroup also agreed not to update CoPs 6, 7, 8 and 9. This is because no Metering Systems are currently (and are unlikely to ever be) registered against CoPs 6 and 7. Similarly, with the introduction of the Smart Metering Equipment Technical Specification (SMETS) to cover smart meter installs, and CoP10 to cover Advanced Metering installs, it was agreed that no new Metering Systems would be installed to CoPs 8 and 9; therefore these CoPs do not require updating.

**Justification for Change** (mandatory by originator)

The current CoPs are out of date with the national standards that they quote. Whilst parties can install newer Metering Equipment due to a Metering Dispensation, the CoPs should be updated to ensure alignment to current applicable standards.

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

Section L 'Metering'

**Estimated Implementation Costs** (mandatory by BSCCo)

£1750

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

CoP 1 'Code of Practice for the metering of circuits with a rated capacity exceeding 100MVA for Settlement purposes'

CoP 2 'Code of Practice for the metering of circuits with a rated capacity not exceeding 100MVA for Settlement purposes'

CoP 3 'Code of Practice for the metering of circuits with a rated capacity not exceeding 10MVA for Settlement purposes'

CoP 4 'Code of Practice for the calibration, testing and commissioning requirements of Metering Equipment for Settlement purposes'

CoP 5 'Code of Practice for the metering of energy transfers with a maximum demand of up

to (and including) 1MW for Settlement purposes’

CoP 10 ‘Code of Practice for metering of energy via low voltage circuits for Settlement purposes’

BSCP601 ‘Metering protocol approval and compliance testing’

**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)

June 2019 BSC Release

**Reason:** This is the next available Release to include this CP.

**Version History** (mandatory by BSCCo)

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***Date:*** 9 August 2018

Attachments: **Y/N\*** -

CoP 1 – draft redlining v0.1 (5 pages)

CoP 2 – draft redlining v0.1 (5 pages)

CoP 3 – draft redlining v0.1 (5 pages)

CoP 4 – draft redlining v0.1 (4 pages)

CoP 5 – draft redlining v0.1 (6 pages)

CoP 10 – draft redlining v0.1 (*4 pages*)

BSCP601 – draft redlining v0.1 (*13 pages*)