



**Redlined Code of Practice Five 'The Metering of Energy Transfers with Max Demand of up to (and including) 1MW for Settlement Purposes' text for CP1513 'Updates to BSCP601, CoP3 and CoP5'**

This CP proposes changes to sections 4.3.2, 5.1.1, 5.1.3. We have redlined these changes against Version 14.0, which will go live as part of the June 2019 Release if Approved.

**There is no impact on any other part of this document for this CP.**

*Amend section 4.3.2 as follows:*

#### 4.3.2 Compensation for Measurement Transformer Error

To achieve the overall accuracy requirements it may be necessary to compensate Meters for the errors of the measurement transformers and the associated leads to the Meters. Values of the compensation shall be recorded and evidence to justify the compensation criteria, including wherever possible test certificates, shall be available for inspection by either the Panel or the Technical Assurance Agent. Where CT test certificates are not available and the CTs can be verified as class 0.5 or better and are installed on an LV installation, the extreme errors for the accuracy class shall be assumed.

*Amend section 5.1.1 as follows:*

#### 5.1.1 Current Transformers

Where required, one set of current transformers to IEC Standard 185 with a minimum standard of accuracy to Class 0.5, shall be provided per circuit. Preferably, the current transformers shall be dedicated for Settlement purposes, but the CTs may be used for other purposes provided the overall accuracy requirements in clause 4.3.1 are met and evidence of the value of the additional burden is available for inspection by the Panel or the Technical Assurance Agent.

The additional burden shall not be modified without prior notification to the Panel , and evidence of the value of the modified additional burden shall be available for inspection by either the Panel or the Technical Assurance Agent.

CT test certificates showing errors at the overall working burden or at burdens which enable the working burden errors to be calculated shall be available for inspection by the either the Panel or the Technical Assurance Agent. ~~Where CT test certificates are not available and the CTs can be verified as class 0.5 or better and are installed on an LV installation, the extreme errors for the accuracy class shall be assumed.~~

The total burden on each current transformer shall not exceed the rated burden of such CT.

*Amend section 5.1.3 as follows:*

#### 5.1.3 Measurement Transformers Installed on Existing Circuits

Where circuits, other than those newly installed, are to be metered to this Code of Practice and where the installed measurement transformers do not comply with the Class accuracies specified in clauses 5.1.1 & 5.1.2, then such measurement transformers may be used providing the following requirements and those in clause 4.3.1 are met.

- (i) Where subsequently a significant alteration to the primary plant (e.g. a switchgear change) is carried out, new measurement transformers as detailed in clauses 5.1.1 and 5.1.2, shall be provided.

(ii) In all other respects the requirements of clauses 5.1.1 and 5.1.2 are met, except that where test certificates are not available other documentary evidence as referred to in clause 4.~~3~~.2 shall be available.