Redlined BSCP32 text for CP1485 'Validation of power transformer and cable/line loss adjustments'

This CP proposes changes to sections 1.1, 2.1, 2.2 and 3. It also proposes to add new sections 3.3 and Part D1. We have redlined these changes against Version 9.0.

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

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Amend sections 1.1, 2 and 3 as follows:

1 Introduction

1.1 Purpose and Scope of the Procedure

Metering Equipment shall, save as otherwise provided in the Code, comply with the minimum requirements referred to or set out in the relevant Code of Practice. If for practical and/or financial reasons any Metering Equipment or Metering System comprised therein does not meet all or any of the requirements referred to, or set out in the relevant Code of Practice, the Metering Equipment or Metering System may be the subject of an application for a Metering Dispensation from that relevant Code of Practice in accordance with this BSCP32 and Section L of the Code.

The relevant Code of Practice in respect of any Metering Equipment comprising any Metering System shall be determined by reference to Section L of the Code.

This procedure outlines the responsibilities with regard to processing applications for Metering Dispensations, and outlines the timeframes involved. It also details the information required for submission with an application, notifications to Parties and records to be maintained in respect of all Metering Dispensations.

This procedure also sets out the criteria to be used by the Panel in considering a Metering Dispensation application and the requirement of the Applicant to declare his intended course of action, in writing to the Panel, within a specified timescale following approval of the application.

Metering Dispensations may be granted on such conditions (if any) as the Panel may deem fit.

This procedure also outlines the responsibilities with regard to validating electrical loss adjustments, where proposed under a site specific Metering Dispensation application or, where proposed when the relevant Code of Practice does not require a Metering Dispensation. It also outlines the timeframes involved. Guidance on standard methods for calculating and compensating for power transformer and cable (or line) losses can be found on the BSC Website.

1.2 Main Users of the Procedure and their Responsibilities

This BSCP is to be used by the following:

- The Registrant or intended Registrant of the Metering Equipment.
- The Applicant(s) for generic Metering Dispensations.
- The BSCCo, for processing applications and maintaining records of all Metering Dispensations.
- The Panel, for endorsing or rejecting Metering Dispensation applications.

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Amend section 2.1 and 2.2 as follows:

2.1 List of Acronyms

The following is a list of acronyms used in BSCP32:

AMP	Actual Metering Point
BSCP	Balancing and Settlement Code Procedure
BSCCo	Balancing and Settlement Code Company
CMRS	Central Meter Registration Service
CoBO	Change of BM Unit Ownership
CoP	Code of Practice
DMP	Defined Metering Point
EFD	Effective From Date
ELVA	Electrical Loss Validation Agent
LDSO	Licensed Distribution System Operator
SMRA	Supplier Meter Registration Agent
SMRS	Supplier Meter Registration Service
TAA	Technical Assurance Agent
TC	Transmission Company
WD	Working Day

2.2 List of Definitions

Actual Metering Point	The physical location at which electricity is metered.
Affected parties	For site specific Metering Dispensations, Affected parties may include: customers; TC; LDSOs; and any Party other than the Registrant responsible for Aggregation Rules relating to such Metering Equipment. Where the Metering System has not been registered at the time of application, Affected parties include all BSC Parties. For generic Metering Dispensations, Affected parties include all BSC Parties.

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Appropriate parties	Any person(s) that the BSCCo or the Panel considers appropriate for consultation. This may include independent experts such as the Metering Dispensation Review Group (MDRG).
Defined Metering Point	Defined Metering Point means the physical location at which the overall accuracy requirements as stated in the relevant Code of Practice are to be met. The Defined Metering Points are identified in the Codes of Practice and relate to Boundary Points and System Connection Points.
Electrical Loss Validation Agent	The agent who validates the accuracy of electrical loss calculations.

Other terms are defined in the Code.

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3 Interface and Timetable Information

3.1 Application for Metering Dispensation (Site Specific, Generic)

REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.1.1	Where appropriate, but before submission of application	Notify and seek endorsement from all Affected parties of intention to apply for a Metering Dispensation from relevant Code of Practice For a site specific Metering Dispensation application where the AMP is not at the DMP and the Registrant needs/wishes to apply electrical loss adjustments to the Metering System see Section 3.3~~.~~	Applicant	Affected parties	Details of site involved and Metering Dispensation being applied for	Fax / Post / Email
3.1.2	As required	Submit application requesting a Metering Dispensation	Applicant	BSCCo	BSCP32/4.1, Application for a Metering Dispensation For a site specific Metering Dispensation application where the AMP is not at the DMP, include the proposed electrical loss adjustments and information on the power transformer and/or cable/line between the AMP and the DMP to enable these loss adjustments to be validated[1]. Where appropriate include letter of endorsement from Affected parties. Application forms must be signed by a Category R Authorised Person as registered under BSCP38, or include their password and be sent from the Authorised Person's email address. Please note that all fields must be filled out in form BSCP32/4.1, or the application will not be progressed. Please see the guidance note on the BSCCo website for details on how to fill out form BSCP32/4.1.	Fax / Post / Email

[1] Where the Applicant believes that electrical loss adjustments are not necessary, they should provide suitable justification, including calculations to prove this.

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REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.1.3	Within 2 WD of 3.1.2	Acknowledge receipt of application Check application for validity and completeness Issue reference number Record application and reference number in register	BSCCo	Applicant	BSCP32/4.1 Application for a Metering Dispensation	Fax / Post / Email
3.1.4	Within 5 WD of 3.1.3 where appropriate	Where additional information or clarifications are required for a determination to be reached, request such information from the Applicant.	BSCCo	Applicant	Request for specific information	Fax / Post / Email
3.1.5	As required	If request for more information received, provide requested information as agreed between the BSCCo and the Applicant.	Applicant	BSCCo	Requested information	Fax / Post / Email
3.1.6	Within 2 WD of 3.1.3 or 3.1.5 (as appropriate)	Notify Appropriate parties and request comments	BSCCo	Appropriate parties	BSCP32/4.1, Application for a Metering Dispensation Additional information as appropriate	Fax /Post /Email
3.1.7	Within 10 WD of 3.1.6	Provide comments	Appropriate parties	BSCCo	Requested comments	Fax /Post /Email
3.1.8	At least 6 WD prior to Panel meeting considering the application	Prepare and submit Panel paper for consideration (including, where relevant for a site specific Metering Dispensation application, the ELVA's view on any proposed power transformer and/or cable/line electrical loss adjustments)	BSCCo	Panel	Panel paper	Internal process

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REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.1.9	At Panel meeting	Consider application and either approve the Metering Dispensation, defer the Metering Dispensation pending more information, or reject the Metering Dispensation. The Panel, in deferring a Metering Dispensation, may seek further consultation as appropriate Notify BSCCo of Panel decision.	Panel	BSCCo	Panel decision	
3.1.10	Within 3 WD of Panel meeting where application is accepted or rejected	Inform Applicant and TAA of Panel decision Update the Metering Dispensations log where appropriate on the Metering Dispensations webpage.	BSCCo BSCCo	TAA, Applicant	BSCP32/4.4, Notification of Panel Ruling on Metering Dispensation Application Upload the public Metering Dispensation details (if approved) to the register of site specific Metering Dispensations, or statement of generic Metering Dispensations.	Fax /Post /Email
3.1.11	Within 10 WD of 3.1.10	Acknowledge receipt and accept Panel determination	Applicant	BSCCo	BSCP32/4.4, Notification of Panel Ruling on Metering Dispensation Application	Fax /Post /Email

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3.2 Withdrawal of a Proposed or Approved Metering Dispensation.

REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.2.1	On or after receipt of Panel decision	Applicant may apply to withdraw provided it wishes to comply with relevant CoPs (this may include a site no longer existing in which case the Metering Dispensation should also be withdrawn)	Applicant	BSCCo	BSCP32/4.5, Application to Withdraw a Metering Dispensation Application form must be signed by a Category R Authorised Person as registered under BSCP38.	Letter /Fax /Email
3.2.2	Within 2WD of 3.2.1	Log withdrawal in the register and confirm receipt	BSCCo	Applicant TAA	BSCP32/4.5, Application to Withdraw a Metering Dispensation	Letter /Fax /Email

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Add section 3.3 as follows:

3.3 Validation of Power Transformer and Cable/Line Loss Adjustments to be applied to a Metering System

This section applies where the Registrant of a Metering System proposes to apply electrical loss adjustments for power transformers and/or cable or line losses to a Metering System under a site specific Metering Dispensation (see Section 3.1) or proposes to apply relevant electrical loss adjustments to a Metering System where a Metering Dispensation is not required under the relevant Code of Practice.

REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.3.1	Before submission of application for a site specific Metering Dispensation (see section 3.1), where the Registrant proposes to apply electrical loss adjustments to the Metering System or As required, where a Metering Dispensation is not required under the relevant Code of Practice and where the Registrant proposes to apply relevant electrical loss adjustments to the Metering System	Request manufacturer's information from the owner of the power transformer and/or cable/line between the AMP and the DMP to enable relevant electrical loss adjustments to be calculated	Applicant	Affected parties (e.g. Transmission network owner, LDSO or Customer)	Request for manufacturer's information from the owner of the power transformer and/or cable/line between the AMP and the DMP to enable relevant electrical loss adjustments to be calculated.	Fax / Post / Email

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REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.3.2	Following 3.3.1	Provide manufacturer's information for the power transformer and/or cable/line between the AMP and the DMP to enable relevant electrical loss adjustments to be calculated	Affected parties (e.g. Transmission System owner, LDSO or Customer)	Applicant	Manufacturer's information from the owner of the power transformer and or cable/line between the AMP and the DMP to enable relevant electrical loss adjustments to be calculated	Fax / Post / Email
3.3.3	Following 3.3.2	Calculate relevant electrical loss adjustments for the power transformer and/or cable/line between the AMP and the DMP	Applicant			Internal process
3.3.4	As required but at the same time as 3.1.2 or At least 30WD before the EFD of the Metering System	Submit application for a site specific Metering Dispensation in accordance with Section 3.1 including information on the power transformer and/or cable/line to enable relevant electrical loss adjustments to be validated and the proposed electrical loss adjustments Submit the relevant information required (as set out in Part D1 of BSCP32/4.1) including Site Name, relevant Circuit Identifier(s), MSID(s), Meter Type(s), Meter Serial Number(s) and (if adjustments are to be applied using this method) Aggregation Rule(s)	Applicant	BSCCo	BSCP32/4.1, Application for a Metering Dispensation For a site specific Metering Dispensation application where the AMP is not at the DMP, include the proposed electrical loss adjustments and information on the power transformer and/or cable/line between the AMP and the DMP to enable these loss adjustments to be validated. Application forms must be signed by a Category R Authorised Person as registered under BSCP38, or include their password and be sent from the Authorised Person's email address Relevant information required (as set out in Part D1 of BSCP32/4.1) including Site Name, relevant Circuit Identifier(s), MSID(s), Meter Type(s), Meter Serial Number(s) and (if adjustments are to be applied using this method) Aggregation Rule(s)	Fax / Post / Email

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REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.3.5	Within 2 WD of 3.3.4	Check application for validity and completeness with regard to the proposed electrical loss adjustments and information on the power transformer and/or cable/line between the AMP and the DMP to enable these loss adjustments to be validated. Receipt acknowledgement covered by 3.1.3. or Check for validity and completeness with regard to relevant information required (as set out in Part D1 of BSCP32/4.1) including Site Name, relevant Circuit Identifier(s), MSID(s), Meter Type(s), Meter Serial Number(s) and (if adjustments are to be applied using this method) Aggregation Rule(s) and acknowledge receipt	BSCCo	Applicant	BSCP32/4.1 Application for a Metering Dispensation For a site specific Metering Dispensation application where the AMP is not at the DMP, include the proposed electrical loss adjustments and information on the power transformer and/or cable/line between the AMP and the DMP to enable these loss adjustments to be validated. or Relevant information required (as set out in Part D1 of BSCP32/4.1) including Site Name, relevant Circuit Identifier(s), MSID(s), Meter Type(s), Meter Serial Number(s) and (if adjustments are to be applied using this method) Aggregation Rule(s) Acknowledgment of receipt	Internal process Internal process Fax / Post / Email
3.3.6	Within 5 WD of 3.3.5, where appropriate	Where additional information or clarification is required for a determination to be reached as to the validity of the proposed electrical loss adjustments, request such information from the Applicant	BSCCo	Applicant	Request for specific information or clarification	Fax / Post / Email

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REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.3.7	As required (bearing in mind time required to apply validated electrical loss adjustments to the Metering System before the Metering System EFD)	If request for additional information or clarification is received, provide requested additional information or clarification as agreed between the BSCCo and the Applicant.	Applicant	BSCCo	Requested additional information or clarification	Fax / Post / Email
3.3.8	Within 2 WD of 3.3.5 or 3.3.7 (as appropriate)	Request ELVA validates proposed electrical loss adjustments	BSCCo	ELVA	Request to validate proposed electrical loss adjustments BSCP32/4.1, Application for a Metering Dispensation Including the proposed electrical loss adjustments and information on the power transformer and/or cable/line between the AMP and the DMP to enable these loss adjustments to be validated. or Relevant information required (as set out in Part D1 of BSCP32/4.1) including Site Name, Circuit Identifier, MSID(s), Meter Type(s), Meter Serial Number(s) and (if adjustments are to be applied using this method) Aggregation Rule(s) and any Additional information, as appropriate	Fax /Post /Email

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REF	WHEN	ACTION	FROM	TO	INPUT INFORMATION REQUIRED	MEDIUM
3.3.9	Within 10WD of 3.3.8	Validate and provide confirmation that the proposed electrical loss adjustments are suitable. Any requests by the ELVA for further information or clarification from the Applicant on the proposed electrical loss adjustments shall be dealt with via BSCCo	ELVA	BSCCo	Requested confirmation that the proposed electrical loss adjustments are suitable	Fax /Post /Email
3.3.10	Within 2 WD of receipt of confirmation from ELVA that the proposed electrical loss adjustments are suitable	Provide confirmation from ELVA that the proposed electrical loss adjustments are suitable[2] to Applicant.	BSCCo	Applicant	ELVA confirmation that the proposed electrical loss adjustments are suitable	Fax /Post /Email

[2] Where the ELVA considers the proposed electrical loss adjustments as not suitable, the applicant may withdraw the application, propose new electrical loss adjustments or ask the BSCCo to proceed with the application and provide additional justification for the proposed electrical loss adjustments to support its use for the Metering System.

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Amend Part D1 as follows:

BSCP32/4.1 Application for a Metering Dispensation (Cont.)

Part C – Reason for Application

If the application is an extension or update for an existing Metering Dispensation, enter existing ref: D/……..

Site Specific / Generic* **Delete as applicable.*

Describe why you require a Metering Dispensation. Include any steps you propose to limit the impact on Settlement and other Registrants:

Period of Metering Dispensation required

Lifetime / Temporary* *Delete as applicable.

If temporary, indicate for how long the Metering Dispensation is required.	

Provide justified reasoning for the period of Metering Dispensation requested in the box below:

Rationale for duration of Metering Dispensation:

Part D1 - Loss Adjustments for Power Transformer and/or Cable/Line Losses

Where loss adjustments are proposed and applied (or are to be applied) to the Metering System for power transformer and/or cable/line losses, provide the following information:

Describe how do you propose to correct the Metering System to account for the losses of this power transformer?
In order to validate the loss adjustments applied (or to be applied) to the Metering System please provide the following information together with supporting data (e.g. power transformer test certificates):

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What are the iron losses for this power transformer?

What are the copper losses for this power transformer?

Are there any other losses that have been taken into account? Yes/No*. If Yes what are they?

Demonstrate how these elements of loss have been used in the corrections to the Metering System.

*Delete as applicable.

Describe how do you propose to correct the Metering System to account for the losses of the power cable/line?

In order to validate the loss adjustments applied (or to be applied) to the Metering System please provide the following information together with supporting data (e.g. cable/line manufacturer's data sheet):

What is the type of power cable/line?

What is the length of this power cable/line?

What is the DC resistance of this power cable/line?

What is the impedance of this power cable/line?

What is the capacitance of this power cable/line?

Are there any other losses that have been taken into account? Yes/No*. If Yes what are they?

Demonstrate how these elements of loss have been used in the corrections to the Metering System.

*Delete as applicable.

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