



**Redlined text for CP1461 ‘Amending BSCP128 to reflect a new simple SVA file format for LDSO LLF submissions’**

**This CP proposes changes to sections 2.4.6, 2.4.11(b) and 3.6.**

**We have redlined these changes against Version 6.0.**

**In addition, we have included housekeeping changes to section 1.1 and 1.2.5.**

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

## **1. INTRODUCTION**

### **1.1 Purpose**

This BSC Procedure (BSCP) defines the procedure by which Line Loss Factor (LLF) methodologies submitted by Licensed Distribution System Operators (LDSOs, including Host LDSOs and Embedded LDSOs) are reviewed by BSCCo, presented to the Panel for approval and, where appropriate, reported to the Performance Assurance Board (PAB).

It also defines the procedure by which LLF values submitted by LDSOs are audited by BSCCo, presented to the Panel for approval and provided to the Central Data Collection Agent (CDCA) or the Supplier Volume Allocation Agent (SVAA) for use in Settlement (they are also made available to Half Hourly Data Aggregators (HHDAs) for use in Settlement). The results of this audit are reported to the PAB.

This BSCP also describes the key interfaces and timetable and responsibilities for the main parties involved.

This BSCP128 supersedes BSCP28 (Approval and Notification of CVA Line Loss Factors) and BSCP528 (SVA Line Loss Factors for Half Hourly and Non-Half Hourly Metering Systems registered in SMRS).

#### **1.2.5 Implementation of LLFs for use in Settlement**

BSCCo shall provide the CDCA with approved CVA LLFs for entry into the CDCA system for CVA Metering Systems for use in Settlement.

BSCCo shall provide the SVAA with approved SVA LLFs for entry into the SVAA systems for Non-Half Hourly Metering Systems for use in Settlement.

BSCCo shall also publish approved LLFs on the BSC Website. Half Hourly Data Aggregators shall obtain and implement approved SVA LLFs for use in Settlement for Half Hourly Metering Systems.

## 2.4 Annual Submission and Audit of LLFs – Embedded LDSOs that Mirror

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.4.1	By 1 September	Provide list of Metering Systems to be audited for the correct application of LLFC.	BSCCo	Embedded LDSO	List of Metering Systems	Email or other electronic means
2.4.2	By 30 September	Confirm LLFC and voltage for each Metering System in list provided by BSCCo.	Embedded LDSO	BSCCo	List of Metering Systems	Email or other electronic means
2.4.3	By 10 October	Check a representative sample of Metering Systems are assigned to the correct LLFC.	BSCCo	-	MSAD Metering System sample	Email, other electronic means or Site visit
2.4.4	By 10 October	Provide Metering System sample report highlighting any non-compliance(s).	BSCCo	Embedded LDSO	Metering System sample report.	Email or other electronic means
2.4.5	By 31 December	Resolve any identified non-compliance(s) in Ref (2.4.4) and notify BSCCo.	Embedded LDSO	BSCCo	Any further information required and evidence of resolved non-compliance(s).	Email, telephone or other electronic means
2.4.6	By 31 December + 10 WD	Obtain LLFs submitted by the relevant Host LDSO(s) or Embedded LDSOs that do not Mirror; and submit LLFs <del>Error! Bookmark not defined.</del> <sup>5</sup> and CSAD documents in accordance with approved Host LDSO or Embedded LDSO methodology.	Embedded LDSO	BSCCo	<p>LDSO's submitted LLFs;</p> <p>(a) If CVA Submission: CVA Long or Short Format data files in accordance with Appendix 6; and/or</p> <p>(b) If SVA Submission: SVA Format data file (D0265) <u>or Short Format file(s)</u> in accordance with Appendix 7 and information in accordance with BSCP509 if MDD changes are required.</p> <p>This must be accompanied by a</p>	<p>BSC Website or Host LDSO or Embedded LDSO that does not Mirror</p> <p>Email or other electronic means</p>

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
					CSAD for Embedded LDSOs that Mirror in accordance with Appendix 4, signed by an authorised person in accordance with BSCP38 and an Appendix 5.	
2.4.7	Within 2 WD of 2.4.6	Acknowledge receipt of CSAD and LLFs and confirm authorised signature.	BSCCo	Embedded LDSO	Confirmation of receipt and authorised signature.	-
2.4.8	Within 4 WD of 2.4.6	Conduct LLF Calculation Audit.	BSCCo	-	CSAD and: (a) If CVA submission: CVA Long or Short Format data files or other format agreed with BSCCo; and/or (b) If SVA submission: D0265 data files or other format agreed with BSCCo.	LLF Validation System, Host LDSO LLF submissions
2.4.9	Within 6 WD of 2.4.6	Provide draft audit report highlighting any non-compliance(s).	BSCCo	Embedded LDSO	Draft LDSO report.	Email or other electronic means
2.4.10	Within 10 WD of 2.4.9	Resolve any identified non-compliance(s) in Ref (2.4.9) and notify BSCCo.	Embedded LDSO	BSCCo	Any further information required and evidence of resolved non-compliance(s).	Email, telephone or other electronic means
2.4.11	At same time as 2.4.10	Submit any revised LLFs to address any outstanding non-compliance(s).	Embedded LDSO	BSCCo	Any revised LLFs as required and final CSAD with evidence of resolved non-compliance(s).  The submission should include the final CSAD signed by an authorised person in accordance with BSCP38 as well as an Appendix 5 and; and:	Email or other electronic means

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
					(a) If CVA re-submission: CVA Long or Short Format data files in accordance with Appendix 6; and/or  (b) If SVA re-submission: SVA Format data file (D0265) <u>or Short Format            file(s) in accordance with            Appendix 7</u> and information in accordance with BSCP509 if MDD changes are required.	
2.4.12	Within 4 WD of 2.4.10	Conduct calculation audit on revised submission.	BSCCo	-	-	CSAD review, LLF validation system.
2.4.13	Within 6 WD of 2.4.10	Produce final audit report and confirmation of compliance or non- compliance.  Proceed to Section 2.3 of this BSCP and continue onwards from Ref (2.3.14) to complete the submission and audit process.	BSCCo	Embedded LDSO	Final LDSO report.	Email or other electronic means

## 2.5 Mid-year submission of new and revised LLFs<sup>1</sup>

REF.	WHEN <u>Error! Bookmark not defined.</u> <sup>3</sup>	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.5.1	>= EFD-50 WD if mid-year submission for new site; or >=EFD-40 WD if mid-year submission of revised LLFs for an existing site	Submit calculated LLFs in accordance with the approved methodology and completed CSAD <u>Error! Bookmark not defined.</u> <sup>6</sup> (Appendix 10) signed by an authorised signatory.	LDSO	BSCCo	CSAD signed by an authorised person in accordance with BSCP38; and  (a) If CVA Submission: CVA Long or Short Format data files in accordance with Appendix 6; and/or  (b) If SVA Submission: SVA Format data file (D0265) in accordance with Appendix 7 and information in accordance with BSCP509 if MDD changes are required.	Email or other electronic means
2.5.2	Within 2 WD of 2.5.1	Acknowledge receipt of CSAD and LLFs and confirm authorised signature.	BSCCo	LDSO	Confirmation of receipt and authorised signature.	Email or telephone
2.5.3	Within 5 WD of 2.5.1	Conduct calculation audit. <u>Error! Bookmark not defined.</u> <sup>8</sup>	BSCCo		CSAD and  (a) If CVA submission: CVA Long or Short Format data files; and/or  (b) If SVA submission: D0265 data files.	LLF validation system
2.5.4	Within 5 WD of 2.5.3	Produce final report and confirmation of compliance or non-compliance.  Proceed to Ref (2.3.15).	BSCCo	LDSO	Final Report.	Email or other electronic means

<sup>1</sup> Mid year submission of revised LLFs are subject to the criteria defined in the LLF Methodology Principles 14, 15 and 16, see Appendix 3.1 of this document.

## **3.6 Appendices**

### **Methodology Self Assessment Documents**

**Appendix 1:** Methodology Self-Assessment Document (MSAD) for Host LDSOs and Embedded LDSOs that do not Mirror.

**Appendix 2:** Methodology Self-Assessment Document (MSAD) for Embedded LDSOs that Mirror.

### **Calculation Self Assessment Documents**

**Appendix 3:** Calculation Self-Assessment Document (CSAD) for Host LDSOs and Embedded LDSOs that do not Mirror.

**Appendix 4:** Calculation Self-Assessment Document (CSAD) for Embedded LDSOs that Mirror.

**Appendix 5:** Calculation Self-Assessment Document (CSAD) 2.1 and 2.2 Supporting Data for Host LDSOs and Embedded LDSOs that do not Mirror.

### **LLF Submission forms**

**Appendix 6:** CVA Long and Short Format data files.

The CVA Long Format is essentially a file containing every Line Loss Factor (LLF) for every Settlement Period of every Settlement Day for the BSC Year. This is provided by the LDSO to BSCCo and the format of this data file is detailed in Appendix 6.

**Appendix 7:** SVA Format data file (D0265) [and SVA Short Format files](#).

This provides detail of line loss factors published by line loss factor class. This flow is sent from the Distributor to the Half Hourly Data Aggregator (HHDA), Supplier and the Supplier Volume Allocation Agent (SVAA). Further detail of this flow can be found in Appendix 7.

### **SVA LLF Summary Report**

**Appendix 8:** SVA Summary Report.

The Summary Report is a schedule of Line Loss Factors provided to the LDSO. This is produced by BSCCo as an output from the SVA data files that was supplied by the LDSO and published on the ELEXON portal. Further detail of can be found in Appendix 8.

**Appendix 9:** Calculation Self-Assessment Document (CSAD) Site Specific LLF Calculation Audit Evidence Template

**Appendix 10:** Calculation Self-Assessment Document (CSAD) Site Specific LLF Calculation Audit Evidence Template