

# CP Progression Paper

## CP1461 'Amending BSCP128 to reflect a new simple SVA file format for LDSO LLF submissions'

**ELEXON**



### Committee

Imbalance Settlement  
Group and Supplier  
Volume Allocation Group



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### About This Document

This document provides information on new Change Proposal (CP) CP1461 and outlines our proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch.

We are presenting this paper to capture any comments or questions from the Imbalance Settlement Group (ISG) and Supplier Volume Allocation Group (SVG) Members on this CP before we issue it for consultation.

There are four parts to this document:

- This is the main document. It provides a summary of the solution, impacts, anticipated costs, and proposed implementation approach, as well as our proposed progression approach for this CP.
- Attachment A contains the CP1461 proposal form.
- Attachments B and C contain the proposed redlined changes to deliver the CP1461 solution.

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## How do Embedded DSOs submit mirrored LLFs?

Distribution System Operators (DSOs) are required to submit Line Loss Factors (LLFs) each year in accordance with Balancing and Settlement Code Procedure ([BSCP](#)) 128 'Production, Submission, Audit and Approval of Line Loss Factors'. These LLFs are submitted by the DSO to ELEXON in a [D0265 'Line Loss Factor Data File'](#) data flow, and received by the Half Hourly Data Aggregator (HHDA), Supplier and Supplier Volume Allocation Agent (SVAA). This flow contains a value for every Settlement Period for every Settlement Day (17,520 values) per LLF Class.

Where an Embedded DSO intends to mirror the relevant Host DSO's LLFs, it must create a D0265 data flow by repeating the data the Host DSO has already sent to ELEXON. These files can, in theory, contain over 17 million rows of data. To generate this D0265 data file, Embedded DSOs can either invest in software or systems to automate the generation of the file or rely on a manual process, prone to human error, to copy the Host DSO's LLFs.

Since 2010 ELEXON has operated a spreadsheet based application that can create D0265 data flows on behalf of Embedded DSOs. This allows Embedded DSOs that mirror the host DSO's LLFs to submit an XLS excel file (a Supplier Volume Allocation (SVA) Short Format file) to ELEXON which prompts the creation of a D0265 on behalf of the Embedded DSO. It therefore reduces the complexity in the process and reduces the risk that errors arise. This application has operated successfully since 2010 but is not formally recognised in BSCP128 or any other Code Subsidiary Document.

## What is the issue?

The simple file format approach developed by ELEXON has operated successfully since 2010, and is used by all embedded DSOs that mirror their host DSOs LLFs. To ensure transparency and that the process is the subject of formal change governance, we believe it should be formalised within BSCP128 so that the documentation reflects the current operational processes.

### Line Loss Factor

A multiplier which, when applied to data from a Central Volume Allocation (CVA) Metering System connected to a Boundary Point on a Distribution System, converts such data into an equivalent value at the Transmission System Boundary.

### Proposed solution

[CP1461 'Amending BSCP128 to reflect a new simple SVA file format for LDSO LLF submissions'](#) was raised by ELEXON on 5 May 2016. It proposes to amend BSCP128 to formally include the D0265 file generation process currently provided by ELEXON to Embedded DSOs.

Whilst already operational practice, CP1461 will formally describe the process by making clear in BSCP128 that

1. should they wish to, Embedded DSOs can send an SVA Short Format file to ELEXON to request that ELEXON generate a D0265 on the DSO's behalf; and
2. ELEXON must then generate a D0265 on behalf of the Embedded DSO.

Embedded DSOs that mirror the Host DSO's LLFs would continue to have two options for submitting their SVA Line Loss Factors:

1. Generate their own D0265 data files; or
2. Submit an SVA Short Format excel file to ELEXON and have ELEXON create and submit the D0265 data file on their behalf.

### Proposer's rationale

Currently the BSCP128 does not reflect the operational process. Updating the documentation will ensure transparency, certainty, and confidence that the process will be subject to formal change governance.

### Proposed redlining

Attachments B and C contain the proposed changes to BSCP128 and BSCP128 Appendix 7 to deliver CP1461.

### 3 Impacts and Costs

#### Central impacts and costs

CP1461 will require changes to BSCP128 and [BSCP128 Appendix 7 'SVA Format data file \(D0265\)'](#). No system changes are required to implement this CP and there will be no impact on BSC Agents.

The central implementation costs for CP1461 will be approximately £240 (one ELEXON man day) to implement the relevant document changes.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none"><li>BSCP128</li><li>BSCP128 Appendix 7</li></ul>	<i>None</i>

#### BSC Party & Party Agent impacts and costs

CP1461 is not expected to impact DSOs or Embedded DSOs, as the change will formalise the existing operational process. This will be confirmed in the CP Consultation.

No other BSC Parties or Party Agents are expected to be impacted.

## 4 Implementation Approach

### Recommended Implementation Date

CP1461 is proposed for implementation on **3 November 2016** as part of the November 2016 BSC Systems Release.

The November 2016 Release is the next available Release that can include this CP.

## 5 Proposed Progression

### Progression timetable

The table below outlines the proposed progression plan for CP1461:

Progression Timetable	
Event	Date
CP Progression Paper presented to ISG for information	24 May 16
CP Progression Paper presented to Supplier Volume Allocation Group (SVG) for information	31 May 16
CP Consultation	06 Jun 16 – 01 Jul 16
CP Assessment Report presented to ISG for decision	19 Jul 16
CP Assessment Report presented to SVG for decision	02 Aug 16
Proposed Implementation Date	03 Nov 16 (Nov 16 Release)

### CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1461. We do not believe any additional questions need to be asked for this CP.

Standard CP Consultation Questions
Do you agree with the CP1461 proposed solution?
Do you agree that the draft redlining delivers the CP1461 proposed solution?
Will CP1461 impact your organisation?
Will your organisation incur any costs in implementing CP1461?
Do you agree with the proposed implementation approach for CP1461?

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## 6 Recommendations

We invite you to:

- **NOTE** that CP1461 has been raised;
- **NOTE** the proposed progression timetable for CP1461;
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation; and
- **NOTE** that this CP will be presented to the SVG for comment on 31 May 2016.

## Appendix 1: Glossary & References

### Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
BSCP	Balancing and Settlement Code Procedure ( <i>Code Subsidiary Document</i> )
CP	Change Proposal
CPC	Change Proposal Circular
DSO	Distribution System Operator ( <i>BSC Party</i> )
HHDA	Half Hourly Data Aggregator
ISG	Imbalance Settlement Group ( <i>Panel Committee</i> )
LLF	Line Loss Factor
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
SVG	Supplier Volume Allocation Group ( <i>Panel Committee</i> )

### DTC data flows and data items

DTC data flows and data items referenced in this document are listed in the table below.

DTC Data Flows and Data Items	
Number	Name
D0265	Line Loss Factor Data File

### External links

A summary of all hyperlinks used in this document are listed in the table below.

All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
2	BSCPs page on the ELEXON website	<a href="https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/">https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/</a>
2	D0265 entry in the Data Transfer Catalogue	<a href="https://dtc.mrasco.com/DataFlow.aspx?FlowCounter=0265&amp;FlowVers=1&amp;searchMockFlows=False">https://dtc.mrasco.com/DataFlow.aspx?FlowCounter=0265&amp;FlowVers=1&amp;searchMockFlows=False</a>
2	CP1461 page on the ELEXON website	<a href="https://www.elexon.co.uk/change-proposal/cp1461/">https://www.elexon.co.uk/change-proposal/cp1461/</a>

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