

<p align="center"><b>Change Proposal – BSCP40/02</b></p>	<p><b>CP No: CP1547</b></p> <p><i>Version No: 1.0</i> (mandatory by BSCCo)</p>
<p><b>Title</b> (mandatory by originator)</p> <p>Clarification on the Site Specific Line Loss Factor Calculation Process for Embedded Licensed Distribution System Operators</p>	
<p><b>Description of Problem/Issue</b> (mandatory by originator)</p> <p><u>What is the issue?</u></p> <p><a href="#">BSCP128 ‘Production, Submission, Audit and Approval of Line Loss Factors’</a> requires further clarity on the process to calculate Line Loss Factors (LLFs) for Embedded Licensed Distribution System Operators (LDSOs) who do not wish to Mirror.</p> <p><u>Further information</u></p> <p>Usually an Embedded LDSO would Mirror the LLF values of the Host LDSO, except under specific circumstances. These circumstances include where the site is connected at Extra High Voltage (EHV), or where the customer requests a Site Specific LLF and the LDSO is in agreement. If either of these criteria are met then the Embedded LDSO can calculate Site Specific LLFs.</p> <p>Within BSCP128 it is stated that Host LDSOs and Embedded LDSOs should follow the same methodology to calculate LLFs. However, through discussion with Embedded LDSOs, Elexon has been made aware of some confusion over the process and timelines for these calculations. This confusion indicates that additional clarity is required for Embedded LDSOs moving from generic LLFs to Site Specific LLFs.</p> <p>A lack of clarity surrounding the requirements and timelines for Embedded LDSOs can result in incorrect LLF calculations using insufficient data, and missed deadlines. This can impact upon risk to Settlement.</p>	
<p><b>Proposed Solution</b> (mandatory by originator)</p> <p>This CP proposes to make changes to BSCP128 to provide more clarity for Embedded LDSOs calculating site specific LLFs. This includes clarification of the following:</p> <ul style="list-style-type: none"> <li>• For new sites energised mid-year there will be no previously approved Site Specific LLFs, and so the approved Generic Line Loss Factor Class Group LLFs for the equivalent voltage level should be applied;</li> <li>• Embedded LDSOs wishing to calculate Site Specific LLFs require Settlement data from a 12-month period, and so LLF values can only be submitted after this data is available;</li> <li>• The standard submission deadlines for all LDSOs will apply to Embedded LDSOs that choose to calculate Site Specific LLFs, meaning they must submit a methodology for approval by 1 August and calculated LLF values by 30 September;</li> </ul>	

- If the Embedded LDSO cannot meet these deadlines for any reason, including 12-month data not yet being available, they will need to continue to Mirror the Host LDSOs Generic LLFs for the year.

These clarifications will give Embedded LDSOs a transparent view of the timeline and deliverable requirements, ensuring they provide the required data files within the defined timescales, and establishing a better understanding of the audit process.

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

Increased clarity is required within BSCP128 regarding the process for Embedded LDSOs who wish to calculate their own site specific LLFs instead of Mirroring the Host LDSO's generic LLFs. If not implemented, there could be further misunderstandings, resulting in Embedded LDSOs not following the correct procedure and missing relevant deadlines.

The clarification proposed under this CP will ensure Embedded LDSOs who do not Mirror will follow the BSCP128 requirements in a consistent manner to those followed by Host LDSOs.

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

[BSC Section K 'Classification and Registration of Metering Systems and BM Units'](#)  
[BSC Section R 'Collection and Aggregation of Meter Data for CVA Metering Systems'](#)

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

Less than £1,000

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

[BSCP128 'Production, Submission, Audit and Approval of Line Loss Factors'](#)

**Impact on Core Industry Documents or System Operator-Transmission Owner Code** (mandatory by originator)

None

**Related Changes and/or BSC Releases** (mandatory by BSCCo)

None

**Requested Implementation Date** (mandatory by originator)

4 November 2021 as part of the November 2021 BSC release.

**Reason:**

This is the earliest BSC Release that can include this change so that clarity can be provided to Embedded LDSOs seeking to calculate their own site specific LLFs.

**Version History (mandatory by BSCCo)**

1.0

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Change Proposal redlining to BSCP128.