



**Proposed Redlined BSCP128 - Appendix 3 text for Issue 65 'Causes and treatment of large Line Loss factors'**

This Issue proposes changes to section 1.3. We have redlined these changes against Version 4.0.

Amend section 1.3 as follows:

<b>1.3 Calculations Assessment</b>				
<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>1a</b>	<b>Please provide details of the calculation method for <u>Site Specific</u> LLFs.</b>	<p>Please give a description of the calculation method used. This should include a reference to the location in the methodology statement.</p> <p>The LDSO may wish to include an illustrative example as evidence.</p>		
<b>1b</b>	<b>Please provide details of the process steps for your calculation of <u>Site Specific</u> LLFs.</b>	<p>Please give a description of the end to end process for calculating Site Specific LLFs.</p> <p>The LDSO may wish to include high level flow diagram of the process or internal working instructions that detail the process.</p>		
<b>1c</b>	<b>Data Request for Site Specific calculations</b>	<p>A list of CVA sites will be provided that are subject to a Site Specific calculation audit. Please provide spreadsheets used in the calculation and screen shots of the site in the network model.</p> <p>The screen shots should be taken when the model is run so that the data forms an audit trail to the spreadsheet.</p> <p>A brief commentary should be included to explain why you believe the LLFs are an accurate reflection of the losses for that site.</p>		

<b>1.3 Calculations Assessment</b>				
<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>2a</b>	<b>Please provide details of the calculation method for <u>Generic</u> LLFs.</b>	Please give a description of the calculation method used. This should include a reference to the location in the methodology statement.		
<b>2b</b>	<b>Please provide details of the process steps for your calculation of <u>Generic</u> LLFs.</b>	<p>Please give a description of the end to end process for calculating Generic LLFs.</p> <p>LDSO may wish to include high level flow diagram of the process or internal working instructions that detail the process.</p>		
<b>2c</b>	<b>Please provide a copy of the model used to calculate the Generic LLFs</b>	<p>Please provide a copy of the live model used to calculate your generic LLFs and the input data that supports Principle 9 of BSCP128.</p> <p>Where the data set is very large a subset of the data can be provided to demonstrate the year period used.</p> <p>A brief commentary should be included to explain why you believe the LLFs are an accurate reflection of the losses for the network at each voltage level.</p>		

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<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>3</b>	<b>Please complete the table of information for all Site Specific and Generic LLFs as detailed in section 2.</b>	<p>Data can be submitted in Excel file format with your CSAD submission.</p> <p>Section 2 is for supporting information for Site Specific and Generic data information submission. This information is used to aid the validation of the LLF data submission. LDSOs may choose to submit the information in Excel format as an attachment to the CSAD.</p>		
<b>4</b>	<b>Please provide the LLFC and voltage for each Metering System in the list provided by BSCCo.</b>	<p>The list of Metering Systems will be provided by 1 September. You will need to add the voltage and LLFC to the list.</p> <p>A number of sites in the list will be marked as requiring connection diagrams, you will need to provide a screen shot of the connection for these sites.</p>		
<b>5</b>	<p><b>Have all changes or new SVA LLFC IDs been submitted into the Market Domain Data (MDD) change process (as per BSCP509)?</b></p> <p><b>If so please give details.</b></p>	<p>Any changes or new LLFC IDs must be submitted through the MDD change process. The correct LLFC IDs (and supporting information) are required to be approved in MDD prior to submission of the SVA LLFs. LDSOs should confirm that the MDD Change Request Form(s) (with CR References) have been submitted (see BSCP509 for further details).</p>		

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<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>6</b>	<b>Have all SVA LLFs been submitted in the D0265 file format?</b>	The file format for SVA LLF submission is detailed in Appendix 6 of BSCP128 or in the Data Transfer Catalogue.		
<b>7</b>	<b>Have CVA LLFs been submitted in the specified long or short file format?</b>	<p>The file format for CVA LLF submission is detailed in Appendix 5 of BSCP128.</p> <p>There are two formats that can be used, a long format detailing every Settlement Day and Settlement Period LLF and a short format detailing the LLF to be used for specified date ranges.</p> <p>The file requires a checksum, further information on calculating the checksum is detailed in section Appendix 5 of BSCP128.</p>		
<b>8</b>	<b>Are all LLFs submitted for start date 01 April (and start Settlement Period 1)?</b> <b>If not please give details,</b>	<p>The annual submission of LLFs covers the period 01 April to 31 March. Confirmation is required that all LLFs in the submission start from Settlement Period 1 on 01 April.</p> <p>Evidence will detail how this had been checked.</p>		

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<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>9</b>	<b>Are all LLFs calculated to at least 3 decimal places (d.p.) and submitted to 3 decimal places?</b>	<p>LLFs are required to be calculated to three decimal places. Please confirm that all LLFs are calculated to at least 3 d.p. in all files submitted.</p> <p>Evidence should include details of how this validation has been carried out.</p>		
<b>10a</b>	<b>Are all SVA LLFs <math>\geq 0.750</math> and <math>\leq 1.250</math>?</b>	<p>Please confirm that all SVA LLFs are calculated within the range specified.</p> <p>Evidence should include details of how this validation has been carried out.</p>		
<b>10b</b>	<b>Are all CVA LLFs <math>\geq 0.750</math> and <math>\leq 1.250</math>?</b>	<p>Please confirm that all CVA LLFs are calculated within the range specified.</p> <p>Evidence should include details of how this validation has been carried out.</p>		

<b>1.3 Calculations Assessment</b>				
<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>10c</b>	<p><b>Are there any SVA LLFs that have significantly changed from the last submission of LLFs?</b></p> <p><b>BSCCo would expect evidence to be provided for all LLFs which are expected to breach this tolerance.</b></p>	<p>BSCCo will be validating the SVA submission in accordance with BSCP128 Section 3.5 point 7 c), BSCCo will identify any LLF values that are outside of the range specified. BSCCo will request from the LDSO evidence for any values that fall outside of this range and supporting rationale to justify this change.</p> <p>Evidence should include details of how this validation has been carried out and supporting rationale for the change in LLF Values.</p>		
<b>10d</b>	<p><b>Are there any CVA LLFs that have significantly changed from the last submission of LLFs?</b></p> <p><b>BSCCo would expect evidence to be provided for all LLFs which are expected to breach this tolerance.</b></p>	<p>BSCCo will be validating the CVA submission in accordance with BSCP128 Section 3.5 point 7 d), BSCCo will identify any LLF values that are outside the range specified. BSCCo will request from the LDSO evidence for any values that fall outside of this range and supporting rationale to justify this change.</p> <p>Evidence should include details of how this validation has been carried out and supporting rationale for the change in LLF Values.</p>		

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<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>10e</b>	<b>Are there any new Site Specific sites that were not included in last year's submission?</b> <b>If so, please give details.</b>	Please provide information in 2.1 for any new Site Specific sites.		
<b>11</b>	<b>Have any sites undergone a Relevant Change?</b> <b>If so please provide details.</b>	Relevant Changes are defined in BSCP128 as 'A significant change to the physical plant, apparatus, distribution network, or capacity which causes a change to the Line Loss Factors'.  Information and supporting evidence should be detailed in the response. MSIDs should be flagged with the relevant information as in 2.1.		
<b>12</b>	<b>Please provide details of the error checking processes carried out when calculating LLFs.</b>	LDSOs are required to have robust error detection and correction processes in place throughout the calculation of LLFs.  LDSOs may wish to provide references in to their working instructions and/or process maps, including details on the error checking processes used in the calculation process.		



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<b>13</b>	<b>Have all Site Specific LLFs been calculated within the last 5 years?</b> <b>Yes/No (delete as appropriate)</b>	<p>Site Specific LLFs must be calculated at least every 5 years. The cut off for the 5 year period is 30 September. Any failure to do so will lead to a non- compliance.</p> <p>For example, the annual LLFs for 1 April 2011, with calculations submission date of 1 October 2010, any Site Specific LLFs calculated up to and including 30 September 2005 must have been re-calculated.</p>		
<b>14</b>	<b>Have all Generic LLFs been calculated within the last 2 years?</b> <b>(Y/N)</b>	<p>Generic LLFs must be calculated at least every 2 years. The cut off for the 2 year period is 30 September. Any failure to do so will lead to a non- compliance.</p> <p>For example, the annual LLFs for 1 April 2011, with calculations submission date of 1 October 2010, any LLFs calculated up to and including 30 September 2008 must have been re-calculated.</p>		

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<b>No.</b>	<b>Question</b>	<b>Guidance</b>	<b>Response</b>	<b>Evidence</b>
<b>15</b>	<b><u>Are there any SVA or CVA Site Specific sites for which a default calculation, or default replacement process was undertaken?</u></b> <b><u>If so, please give details.</u></b>	<u>SVA or CVA Site specific LLFCs for which a default calculation or default replacement was applied have to be documented and provided to the BSCCo auditor upon request. Any failure to do so will lead to a non- compliance.</u>  <u>For example SVA or CVA sites where for a given STOD period instead of applying calculated LLF, a calculation was performed using a defined threshold (e.g. 200 kVA) or a generic LLF was applied.</u>		
<b>165</b>	<b>Does the calculation involve third parties? If so please provide details</b>	Where aspects of the calculation are sub-contracted to a third party the activity should be detailed in the response field (description of process, process maps, quality checks, etc). The LDSO is still responsible for any elements that it has contracted out.  For example, a LDSO may utilise a third Party to generate the Site Specific LLFs for a particular site.		
<b>176</b>	<b>Is there any additional detail you would like to add to your response?</b>	Additional information that supports the Audit of the Calculations can be added here or appended to the document.		