

## P270 – PROPOSED CHANGES TO BSCP128

### BSCP128 'Production, Submission, Audit and Approval of Line Loss Factors' (Version 3.0)

#### 3. SUPPORTING INFORMATION

##### 3.1 LLF Methodology Principles

All LLF methodologies are required to comply with the Principles described below:

1. LLFs shall be calculated using a generic (non Site Specific) method except for:
  - (a) Sites that are connected at Extra High Voltage (EHV); ~~or~~
  - (b) Where the customer has requested a Site Specific LLF, and the LDSO is in agreement; or
  - (c) Sites that are Remote GSPs.
2. All LLFs shall be calculated to at least 3 decimal places and submitted to 3 decimal places.
3. All Site Specific LLFs shall account for Technical Losses only.
4. All Generic LLFs shall account for all losses (Technical and Non Technical).
5. Site Specific losses and the total Grid Supply Point Group (GSPG) losses shall be considered in the calculation of Generic LLFs.<sup>1</sup>
6. Non-EHV Generic LLFs for Import and Export at the same site where the voltage level is the same shall have the same values.
7. There shall be no more than 2 Low Voltage (LV) and 2 High Voltage (HV) Generic LLFC Groups, in each GSPG, and at least 1 Generic EHV LLFC Group.
8. As a minimum, Generic LLFs shall be calculated separately for Day and Night.
9. LDSOs shall utilise Settlement data from a Settlement Run at R3 or greater and from a complete 12-month period, for calculating Generic LLFs. The 12-month period to be used shall be the BSC Year<sup>2</sup> 3 years prior to the BSC Year for which the LLFs are being calculated.
10. Adjustments to calculation or application of LLFs, to take into account historic market wide issues noted in the BSC Auditor's latest Report, can only be made if agreed to be appropriate by the Panel.

<sup>1</sup> This principle allows Site Specific Losses to be calculated individually or in aggregate and then used in the calculation of Generic LLFs.

<sup>2</sup> This principle only applies to the calculation of Generic LLFs. The BSC Year is 1 April to 31 March, LLFs for use in the BSC Year commencing 1 April 2011 should be calculated using the Settlement Data from the 2008 BSC Year, 1 April 2008 to 31 March 2009.

11. Robust error detection and correction processes shall be in place throughout the calculation and submission of LLFs.
12. All Generic LLFs shall be re-calculated at least every 2 years.
13. All Site Specific LLFs shall be re-calculated when there has been a relevant change to the site or network, and at least every 5 years.<sup>3</sup>
14. No changes shall be made to approved Generic LLFs mid year. Annual updates will have an effective from date of 1 April. Where default LLFs have been applied due to an audit failure, these may be replaced with approved LLFs on a prospective basis as determined when the LLFs resubmitted by the LDSO have been approved by the Panel.
15. No retrospective changes shall be made to approved Site Specific or Generic LLFs other than to correct material manifest errors.
16. Changes shall only be made to approved Site Specific LLFs mid year if there has been a material change affecting the site; and the revised LLFs have been approved by the Panel. Annual updates will have an effective from date of 1 April. Where default LLFs have been applied due to an audit failure, these may be updated to the approved LLFs on a prospective basis as determined from time to time by the Panel.

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<sup>3</sup> Appendix 3.4 provides clarification on how this should be implemented.