

4.3 CP Form

Change Proposal – BSCP40/02	CP No: CP1476 <i>Version No: 2.0</i> <i>(mandatory by BSCCo)</i>
Title (mandatory by originator) Facilitation of Incremental LLFs	
Description of Problem/Issue (mandatory by originator) Line Loss Factors (LLFs) are multipliers that are used to scale energy consumed or generated in order to account for losses on the Distribution Networks within Great Britain. These LLFs are used in the Central Volume Allocation (CVA) LLF and Supplier Volume Allocation (SVA) LLF. Balancing and Settlement Code Procedure (BSCP) 128 ‘Production, Submission, Audit and Approval of Line Loss Factors’ requires all Licensed Distribution System Operators (LDSOs) to submit LLF data via the D0265 ‘Line Loss Factor Data File’ data flow. As a result, a full data refresh is required for any change to the LLF data submitted. This means that, if an LDSO requires an additional LLFC the entire data¹ set will have to be re-submitted in order for the submission to be Code compliant. The D0265 can hold large volumes of period data for potentially thousands of Line Loss Factor Classes (LLFCs). This means that any LDSOs have to pay DTN costs for a LLF full data set, irrespective of the size of the changes to the data set.	
Proposed Solution (mandatory by originator) Amend BSCP128 Appendix 7 to allow LDSOs to submit incremental changes to their Line Loss Factor data set. This change will reduce the DTN charges for LDSOs, as data will not need to be resubmitted via a full D0265. This change will also reduce the effort required by ELEXON to audit and validate the changes for mid-year submissions.	
Justification for Change (mandatory by originator) The volume of information contained within a D0265 is large and hard to manipulate. When an LDSO submits a mid-year LLF the entire file is required (as per BSCP128). This process can be laborious and time consuming for both the LDSO and ELEXON. ELEXON is required to fully validate and audit each LLF submission(s), even if the submission(s) only includes a single amendment. Updating BSCP128 to include incremental LLFs will drastically reduce the time and effort required to create, load, validate and upload the D0265 file. It should be noted that ELEXON has	

¹ LDSO is required to submit the entire catalogue of LLFCs that are currently live as well as any new submission.

the ability to process incremental LLFs.
To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? (mandatory by originator) Section K 'Classification and Registration of Metering System and BM Unit' Section R 'Collection and aggregation of meter data from CVA metering systems' Annex S-2 'Supplier volume allocation rules'
Estimated Implementation Costs (mandatory by BSCCo) £240 (one ELEXON man day) of effort to implement the necessary document changes.
Configurable Items Affected by Proposed Solution(s) (mandatory by originator) BSCP128 Appendix 7: SVA Format data file (D0265)
Impact on Core Industry Documents or System Operator-Transmission Owner Code (mandatory by originator) None anticipated.
Related Changes and/or Projects (mandatory by BSCCo) N/A
Requested Implementation Date (mandatory by originator) 29 June 2017 as part of the June 2017 BSC Systems Release. Reason: The June 2017 Release is the next available Release that this CP can be included in.
Version History (mandatory by BSCCo) Version 1.0 of CP1476 was issued on 27 October 2016.
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