

Balancing and Settlement Code

BSC Procedure

BSCP128 - Appendix 5

CVA Long and Short Format data files

Version 1.0

Effective Date: 20 April 2009

BSCP128 - Appendix 5

CVA Long and Short Format data files

1. Reference is made to the Balancing and Settlement Code (the Code) for the Electricity Industry in Great Britain and, in particular, to the definition of "BSC Procedure".
2. This is BSCP128 Appendix 5, Version 1.0 relating to the CVA Long and Short Format data files.
3. This BSC Procedure Appendix is effective from 20 April 2009.
4. This BSC Procedure has been approved by the Panel.

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AMENDMENT RECORD

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1. CVA LONG AND SHORT FORMAT DATA FILES

1.1 CVA Long File Format

The CVA Long Format is essentially a file containing every Line Loss Factor (LLF) for every Settlement Period of every Settlement Day for the BSC Year. The collection of data records is detailed in the table below. LDSOs can choose to create an individual file for each CVA MSID or combine multiple MSIDs into one file.

For example the Settlement Date row would be entered as STD|20090401| in the long format, followed by the LLF row for each Settlement Period of that day. This is then repeated for each Settlement Day.

Group	Range	L1	L2	L3	L4	Data Type	Data Item
MSY	1-*	G					
			1			text(13)	Metering System Id
STD	1-*	G					
				1		date	Settlement Date
LLF	46-50	G					
					1	integer(2)	Settlement Period
					1	decimal(4,3)	Line Loss Factor

Example of CVA Long Format

```

AAA|C022L001|D|20080725172113|DB|DS01|BC|ELEXON|O|OPER|
MSY|1234567890123|
STD|20090401|
LLF|1|1.012|
LLF|2|1.011|
LLF|3|1.013|
...
LLF|48|1.010|
STD|20090402|
LLF|1|1.013|
LLF|2|1.012|
...
MSY|2345678901234|
STD|20090401|
LLF|1|1.020|
...
ZZZ|1234|1234567890|

```

1.2 CVA Short File Format

The CVA Short Format is essentially a file containing every LLF for every Settlement Period of every Settlement Day for the BSC Year in a grouped format. LLF values are quoted for a range of Settlement Periods, for each Settlement Date, up to the last one in which the value is to be applied.

The collection of data records is detailed in the table below. LDSOs can choose to create an individual file for each CVA MSID or combine multiple MSIDs into one file.

Group	Range	L1	L2	L3	L4	L5	Data Type	Data Item
MSY	1-*	G						
			1				text(13)	Metering System Id
STD	1-*	G						
				1			date	From Settlement Date
				1			date	To Settlement Date
DTY	2			G				
					1		text(1)	Day Type. "W" for working, "N" for non-working.
LLF	1-*					G		
						1	integer(2)	From Settlement Period
						1	decimal(4,3)	Line Loss Factor

Example of CVA Short Format

```
AAA|C022S001|D|20080725172113|DB|DS01|BC|ELEXON|O|OPER|
MSY|1234567890123|
STD|20090401|20090630|
DTY|W|
LLF|1|1.123|
LLF|24|1.234|
DTY|N|
LLF|1|1.123|
LLF|24|1.234|
STD|20090701|20100331|
DTY|W|
LLF|1|1.234|
LLF|24|1.345|
DTY|N|
LLF|1|1.012|
LLF|24|1.123|
MSY|2345678901233|
STD|20090401|20100331|
DTY|W|
LLF|1|1.123|
DTY|N|
LLF|1|1.123|
ZZZ|0000|1234567890|
```

1.2.1 CVA File Format Header:

The header is a standard NETA header. The example contains the following information:

- (a) The record type is 'AAA';
- (b) flow type is 'C022L001' for the long format and 'C022S001' for the short format;
- (c) Message Role is 'D' (Data as opposed to Response);
- (d) Creation Time (DateTime stamp), YYYYMMDDhhmmss;
- (e) From Role Code, 'DB' = Distribution Business;
- (f) this particular submission is from LDSO e.g. 'DSO1';
- (g) To Role Code, 'BC' = BSCCo;
- (h) To Participant ID, 'ELEXON'; and
- (i) Sequence Number, four digits, submitted as '0000' which will be updated by ELEXON;
- (j) Data flag, 'OPER' as operational.

The sequence number will be amended by BSCCo before submission to the CDCA.

1.2.2 CVA File Format Footer:

The footer contains the checksum, row count and record type.

- (a) The record type is 'ZZZ';
- (b) Row count, number of rows in the file including the header and footer;
and
- (c) Checksum.