

CP1325 Attachment – BSCP503 v12.0 Redlined Text v0.2

Section 1.1 – no changes

1.2 Main Users of Procedure and their Responsibilities

This BSC Procedure should be used by Suppliers and their agent(s), SVAA, and by each SMRA and each Licensed Distribution System Operator (LDSO).

The HHDA shall be responsible to the Supplier for processing data for all Settlement Days (i.e. until final reconciliation of each day's data takes place in SVAA) within the period of the HHDA's registration in the SMRS in accordance with BSCP501 (Supplier Meter Registration Service).

The HHDA shall record sufficient details received from the Supplier to enable the HHDA to perform its functions as HHDA. The details shall include the HHDA's registration in the applicable SMRS to a SVA Metering System, the relevant SVA Metering System Number, the Identifiers for the HHDC and the relevant LDSO. These details shall also include the Settlement Days for which the HHDA is appointed.

The HHDA shall ensure that, for each SVA Metering System for which it is responsible, energy consumption data is aggregated and passed to the SVAA using systems and processes approved in accordance with BSCP537 and in accordance with the SVAA Calendar.

The systems and processes used by the HHDA must comply with all other applicable requirements set out in the Code, PSL100 and BSCP537

The HHDA will receive active energy data from the HHDC in kWh and in clocktime, will convert it to MWh, and send it to SVAA. The HHDA will aggregate the half hourly energy to GSP Group, Supplier, Consumption Component Class, BM Unit¹ and Settlement Period. The line losses must be determined separately from the consumption or generation, and must also be given in MWh. The number of SVA Metering Systems contributing to each Consumption Component Class must be recorded with the aggregated data.

Line Loss Factors are obtained by the HHDA from BSCCo via the BSC Website, in accordance with BSCP128 (Production, Submission, Audit and Approval of Line Loss Factors).

SVAA is responsible for providing Market Domain Data (MDD) in accordance with BSCP508 (Supplier Volume Allocation Agent).

In the event of any dispute as to whether an item of MDD is appropriate or, as the case may be, affects the accuracy of Settlement, the decision of the Panel shall be conclusive.

Where the HHDA has not received data in sufficient time to enable it to fulfil its obligations as HHDA the HHDA shall request from the Supplier or its agent that the data that has not been received be supplied forthwith.

Once the HHDA is the registered agent for a Settlement Day the HHDA will remain responsible for the Initial Volume Allocation Run and subsequent Reconciliation Volume Allocation Runs until the Final Reconciliation Volume Allocation Run of that Settlement Day has been completed. Furthermore the HHDA shall support any Post Final Reconciliation Volume Allocation Runs and

¹ Allocation of aggregated data to Additional BM Units is optional and is dependent on both the Supplier and HHDA agreeing to implement Additional BM Units.

Extra-Settlement Determinations. On termination of the HHDA's appointment by the Supplier, the HHDA shall ensure that its obligations will be discharged until the Final Reconciliation Volume Allocation Run and will retain data in accordance with PSL100.

The HHDA shall ensure that in the event that it ceases to operate, plans are in place for data and other information to be transferred to the Supplier so that the obligations of the Supplier under the Code can continue to be discharged.

The HHDA shall ensure that it is able to transfer data and other information to the Panel immediately in the event that the HHDA ceases to operate at the same time as the Supplier.

The HHDA shall, in accordance with this BSCP, request and load a Full Refresh from a SMRS comprising the complete registration and standing data for all SVA Metering Systems for which the HHDA is responsible in that SMRS whenever it is required to ensure the integrity of the HHDA's database.

The HHDA shall acknowledge receipt of all files received from a SMRS by an automatic acknowledgement by the HHDA's gateway in the Managed Data Network.

In any case where a data transfer defined in this BSCP503 is carried out by the HHDA by a method other than the Managed Data Network, the HHDA shall ensure that receipt thereof is acknowledged by the recipient by an appropriate means.

[Housekeeping arising from CP1249]The SVAA will be managing the Market Domain Data in addition to performing the Supplier Volume Allocation role, and therefore SVAA is the Market Domain Data Manager (MDDM).

Section 1.3 – 1.5 no changes

1.6 Acronyms and Definitions

1.6.1 Acronyms

The terms used in this BSC Procedure are defined as follows.

BM	Balancing Mechanism
BSC	Balancing and Settlement Code
BSCP	Balancing and Settlement Code Procedure
DTC	Data Transfer Catalogue
DTN	Data Transfer Network
FAA	Funds Administration Agent
GSP	Grid Supply Point
HH	Half Hourly
HHDA	Half Hourly Data Aggregator
HHDC	Half Hourly Data Collector
Id	Identifier
kWh	kilowatt hour
LDSO	Licensed Distribution System Operator

LLF	Line Loss Factor
MDD	Market Domain Data
<u>[Housekeeping arising from CP1249]MDDM</u>	<u>Market Domain Data Manager</u>
MSID	Metering System Identifier
MWh	Megawatt hour
<u>[Housekeeping arising from CP1249]NHD</u>	National Help Desk
Ref	Reference
SMRA	Supplier Meter Registration Agent
SMRS	Supplier Meter Registration Service
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
TUoS	Transmission Use of System
UTC	Co-ordinated Universal Time
WD	Working Day

Section 1.6.2 – 2 no changes

3. Interface and Timetable Information

3.1 Market Data Activities.

3.1.1 SVAA sends Market Domain Data².

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1.1	If required.	Request MDD from SVAA.	HHDA.	<u>[Housekeeping arising from CP1249]SVAA MDDM.</u>	HHDA Id.	Electronic or other method, as agreed.
3.1.1.2	When published by SVAA or within 1 WD of request from HHDA.	Send MDD.	SVAA.	HHDA.	D0269 Market Domain Data Complete Set. D0270 Market Domain Data Incremental Set. D0299 Stage 2 BM Unit Registration Data File ³ . P0186 Half Hourly Default EAC.	Electronic or other method, as agreed.

² The HHDA shall record and use such MDD as is considered appropriate by the Panel (having regard to the HHDA's functions) and shall, in particular, use only MDD for those items in relation to which there is a MDD entry.

³ This dataflow is optional and is only sent by the SVAA if the HHDA requests the dataflow via the SVAA's [Housekeeping arising from CP1249]NHD BSC Service Desk.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1.3	Within 4 working hours of receipt of MDD.	Send acknowledgement that data has been received.	HHDA.	<u>[Housekeeping arising from CP1249]SVAA</u> MDDM.	P0024 Acknowledgement.	Electronic or other method, as agreed.
3.1.1.4	If file not readable & / or not complete.	Send notification and await receipt of MDD.	HHDA.	<u>[Housekeeping arising from CP1249]SVAA</u> MDDM.	P0035 Invalid Data.	Electronic or other method, as agreed.
3.1.1.5	After receiving notification.	Send corrected MDD.	SVAA.	HHDA.	Refer to 3.1.1.2 for dataflows.	Electronic or other method, as agreed.
3.1.1.6	As soon as possible after data in correct format.	Update records ^{2 4} .	HHDA.			Internal Process.

Section 3.2 – 3.4.1 no changes

⁴ On receipt of any new MDD, the HHDA shall ensure that all MDD affecting the accuracy of Settlement which is manually entered by the HHDA shall be validated against the source data supplied by the SVAA to the HHDA by means of double entry keying before the data is recorded by the HHDA and used in performing its functions.

3.4.2 Perform Data Aggregation Run.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.2.1	As late as possible (to ensure most recent data from SMRS) to meet SVAA's Calendar.	Perform checks in accordance with Appendix 4.3 and send Exception Reports, if any.	HHDA.	HHDC, Supplier.	D0235 Half Hourly Aggregation Exception Report.	Electronic or other method, as agreed.
3.4.2.2	After 3.4.2.1.	Aggregate data in line with Appendix 4.4. If invalid BM Unit data exclude the consumption of the MS(s) associated with the BM Unit from the aggregation process.	HHDA.			Internal Process.
3.4.2.3	Aggregated data to reach SVAA by the date specified in SVAA's Calendar.	Send aggregated data in MWh & in clocktime. (Failure of the HHDC to provide consumption data must not result in failure of aggregated data being sent to the SVAA)	HHDA.	SVAA and Supplier.	D0040 Aggregated Half Hour Data File (BM Unit(s) not supported) or D0298 BM Unit Aggregated Half Hour Data File (BM Unit(s) supported).	Electronic or other method, as agreed.
3.4.2.4	Within 1 WD of aggregation run.	If invalid BM Unit data send notification.	HHDA.	<u>[Housekeeping arising from CP1249]SVAA's NHHDBSC Service Desk</u> and Supplier.	P0035 Invalid Data.	Electronic or other method, as agreed.

Section 3.5 – 4.7.5 no changes

4.8 Service Level Performance Standards.

The HHDA shall perform the services to be performed by it as HHDA pursuant to this BSCP to standards which shall be at least as good as those specified in this Appendix 4.8.

This Appendix has effect for the purposes of this BSCP to determine:

1. The function to be performed by the HHDA, as described in columns 2 to 5 of the table set out in this Appendix, in respect of which minimum standards of performance are required;

2. The minimum standards of performance Service Levels relating to the functions referred to in paragraph 1 above, as described in columns 6 and 7 of the table set out in this Appendix;
3. A reference number (serial) in respect of each Service Level , as described in column 1 of the table set out in this Appendix; and
4. The method by which the HHDA's adherence to the Service Levels is to be measured, as defined in column 8 of the table set out in this Appendix.

For the purpose of this Appendix:

- (a) The references in column 3 of the table to a numbered paragraph are to the relevant section in this BSCP;
- (b) The references in column 4 of the table to a sub-process/data flow are to the relevant sub-processes or data flow as described in the relevant BSCP;
- (c) References to "Timescales" are to those specified by the relevant BSCP and if applicable the SVAA Calendar;
- (d) References to a certain percentage of tasks being completed within a certain specified period are to be read as a reference to that percentage of tasks being completed during the applicable reporting period as specified by the relevant BSCP;
- (e) References to an item being "valid" are to an item which conforms to an applicable BSC SVA Data Catalogue item;
- (f) Reference to an item being "in correct format" are to an item which complies with the applicable BSC SVA Data Catalogue format or the format specified by the relevant BSCP;
- (g) References to an item being "accurate" are to an item being correctly recorded: and
- (h) In calculating percentages, the performance figures shall be rounded up or down to the nearest one decimal place (with 0.05 being rounded upwards)

It should be noted that the following table includes one serial for which the Agent itself is the Data Provider, and one serial which is reported on by another Agent. Where another Agent is responsible for reporting on an Agent's performance, that Agent is named in the Reporting Method column.

Serial	Sender	Process	Sub-Process	Recipient	Performance Measure	Service Levels	Reporting Method
DA01	HHDA	3.4 Aggregation Activities	HH Aggregated Data for All Runs	SVAA	Compliance with SVAA Calendar Data Accuracy	No more than one failure to deliver a file of aggregated data to the SVAA's gateway within timescales, measured by GSP Group 100% in accordance with BSCP01. All most recent data used; no batch steps missed	[SVAA] [SVAA]
DA02	HHDA	3.4 Aggregation Activities	Timely Application of LLF	N/A	Use of default LLF Classes in Data Aggregation for Reconciliation Volume Allocation Runs	No default LLF Classes to be used in any Reconciliation Runs	Provision of data under PSL100