

## Redlined Changes for P300

### **BSCP503 Half Hourly Data Aggregation for SVA Metering Systems registered in SMRS**

Amend section 1.2 to read as follows:

#### **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 Unit<sup>1</sup> and Settlement Period, and for Metering Systems registered to Measurement Classes F or G, Line Loss Factor Class. 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).

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<sup>1</sup> 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.

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 Interim Information Volume Allocation Run, 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 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.

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).

Amend section 4.4 to read as follows:

#### **4.4 Aggregate Consumption Data.**

The HHDA's system must perform aggregation of the Half Hourly consumption by Supplier in accordance with the data supplied by the SMRS.

The HHDA's system must precisely aggregate those SVA Metering Systems for which the SMRS deems it is responsible under the SMRS, and must ensure that each such metering system is accounted for exactly once.

The method by which the HHDA will aggregate data will depend on whether the HHDA decides to implement Additional BM Units for a Supplier within a GSP Group. The introduction of Additional BM Units is optional for the HHDA, but for any HHDA that implements them, the notification of BM Unit Allocation must be received prior to Gate Closure for the period to which it applies.

The HHDA must provide the SVAA with a D0040 Aggregated Half Hour Data File or a D0298 BM Unit Aggregated Half Hour Data File only for each GSP Group.

Each set of aggregation data the HHDA provides to the SVAA must relate to a single GSP Group and a particular Interim Information Volume Allocation run or Initial Volume Allocation Run or Reconciliation Volume Allocation Run for a Settlement Day.

The HHDA's system must allow more than one aggregation run to be performed for any Settlement Day. The results of each run must be identified with a unique run number.

An aggregation run must, for each Supplier, sum to the level of eConsumption eComponent eClass and, for Metering Systems registered to Measurement Classes F or G, Line Loss Factor Class, where Consumption Component Class is the combination of:

- Estimated/Actual;
- Pseudo Unmetered/Metered;
- Site specific/Non-site specific Line Loss Factors; and
- [Housekeeping]Third Party Generator Generation/Consumption.

The line losses must be determined separately for consumption and generation. The number of SVA Metering Systems contributing to each consumption component class must be recorded with the aggregated data.

#### **4.4.1 Base Balancing Mechanism Unit Aggregation**

A HHDA who decides not to implement Additional BM Units will aggregate data as follows:

1. For each SVA Metering System calculate the line losses by Settlement Period by applying the appropriate Line Loss Factor to the consumption values.
2. For each GSP Group add up the consumptions of all the SVA Metering Systems for each Settlement Period, by Supplier and by Consumption Component Class in MWh and for Metering Systems registered to Measurement Classes F or G, by Line Loss Factor Class.

3. For each GSP Group add up the line losses of all SVA Metering Systems for each Settlement Period, by Supplier and by Consumption Component Class in MWh and for Metering Systems registered to Measurement Classes F or G by Line Loss Factor Class.

Full details of the aggregation rules are given in the Supplier Volume Allocation Rules which must prevail, in the event of any conflict with this BSCP.

The D0040 Aggregated Half Hour Data File gives the full data list produced by the aggregation, all items within are self explanatory except for the following:

#### MSID Count

The MSID count is the count of SVA Metering Systems by Consumption Component Class, Settlement Period and Supplier in a GSP Group.

#### Run number

This is a number which identifies uniquely an aggregation run for that HHDA. Each aggregation run that the HHDA does has a unique run number including any aggregation runs for which data is not sent to the SVAA.

The aggregated data will be provided to the SVAA who then allocates the aggregated data to the Base BM Unit.

### **4.4.2 Additional Balancing Mechanism Unit Aggregation**

A HHDA who decides to implement Additional BM Units will assign all the energy to an appropriate BM Unit(s) when carrying out the aggregation run. In the case of a SVA Metering System for which the Supplier has not provided a BM Unit allocation, the HHDA will assign the energy to the Base BM Unit. The HHDA will aggregate data as follows:

1. For each SVA Metering System calculate the line losses by Settlement Period by applying the appropriate Line Loss Factor to the consumption values.
2. For each GSP Group add up the consumption of all the SVA Metering Systems for each Settlement Period, by Supplier and by Consumption Component Class in MWh and maintain separate totals for each Supplier's BM Unit(s) and for Metering Systems registered to Measurement Classes F or G by Line Loss Factor Class.
3. For each GSP Group add up the line losses of all SVA Metering Systems for each Settlement Period, by Supplier and by Consumption Component Class and by BM Unit in MWh and for Import Metering Systems registered to Measurement Classes F or G by Line Loss Factor Class.

Full details of the aggregation rules are given in the Supplier Volume Allocation Rules which must prevail, in the event of any conflict with this BSCP.

The D0298 BM Unit Aggregated Half Hour Data File gives the full data list produced by the aggregation run all items within are self explanatory except for the following:

MSID Count

The MSID count is the count of SVA Metering Systems by Consumption Component Class, Settlement Period and Supplier in a GSP Group.

Run number

This is a number which identifies uniquely an aggregation run for that HHDA. Each aggregation run that the HHDA does has a unique run number including any aggregation runs for which data is not sent to the SVAA.

The aggregated data, by BM Unit(s), will be provided to the SVAA.