



Redlined BSCP503 'Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS' text for P383 'Enhanced reporting of demand data to the NETSO to facilitate CUSC Modifications CMP280 and CMP281.'

This Modification proposes changes to section 1.2, 3.4.2, 3.7, 3.8, 4.6. We have redlined these changes against Version 22.0

There is no impact on any other part of this document for this Modification.

Amend section 1.2 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).

From time to time the HHDA may also be instructed by SVAA to report an individual Metering System's metered data to SVAA. Where instructed, in accordance with section 3.7 below, the HHDA must send such metered data to SVAA in respect of all Settlement Days and for each Volume Allocation Run (i.e. until final reconciliation of each day's data takes place in SVAA) but only within the period of the HHDA's registration in the SMRS in accordance with BSCP501 (Supplier Meter Registration Service) or until the SVAA instructs the HHDA to stop reporting in accordance with section 3.8 below. That is, should the HHDA's registration in the SMRS end on a particular Settlement Day then it should cease to report metered data to SVAA from that Settlement Day. Similarly, if a HHDA is instructed to commence reporting metered data from a given Settlement Day that does not coincide with a current or future period of registration in the SMRS then the HHDA must reject the SVAA's instruction.

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.

Where the SVAA has specified to the HHDA that metered volumes are required to validate delivery of Balancing Services from a SVA Metering System, the HHDA shall ensure that Metering System Half Hourly Metered Volumes are passed to the SVAA. For the avoidance of doubt, any such Metering System Half Hourly Metered Volumes should not be excluded from the aggregated energy consumption data passed to the SVAA.

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, 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.

Where a Demand Disconnection occurs as part of a Demand Control Event, the HHDA will receive estimates of the disconnection volume, in kWh and in clocktime, for each impacted MSID. The HHDA will aggregate the estimated disconnection volumes to GSP Group, Consumption Component Class, BM Unit and Settlement Period level, and will determine for each Consumption Component Class, a corresponding volume of disconnection line losses.

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 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, including EMR responsibilities (see section 1.2A), 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.

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.

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 3.4.2 as follows:

3.4.2 Perform Data Aggregation Run².

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.
3.4.2.3A	At the same time as 3.4.2.3	Where instructed by the Supplier, send EMR data in kWh and clocktime.	HHDA	CfD Service Provider and CM Service Provider	D0357 Half Hourly Metered Data for EMR	Electronic or other method, as agreed

² The HHDA is not obliged to issue reports to Suppliers or Supplier Agents for the Interim Information Volume Allocation Run i.e. only reporting to SVAA, and where applicable the CMSSP is required

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.2.3B	Upon receipt of a D0354 – Metering System Reporting Notification³ At the same time as 3.4.2.3	Where the HHDA is the subject of a valid/current instructioned by the SVAA via a D0354 – Metering System Reporting Notification⁴ and is the registered HHDA for the MSID according to SMRS, send Metering System Half Hourly Metered Volumes in kWh and clocktime.	HHDA	SVAA	D0385 Metering System Half Hourly Metered Volumes	Electronic or other method, as agreed
3.4.2.4	Within 1 WD of aggregation run.	If invalid BM Unit data send notification.	HHDA.	BSC Service Desk and Supplier.	P0035 Invalid Data.	Electronic or other method, as agreed.
3.4.2.5	Before invoking run	Load and validate incoming HHDA files. If file fails any validation check for reasons other than standing data mismatch, ask HHDA to assess if file is valid.	SVAA.	HHDA.	P0035 Invalid Data.	Electronic or other method, as agreed.
3.4.2.6	Within 2 working hours of notification received from SVAA.	If file is valid, notify the SVAA or if the file is not valid send corrected file to SVAA.	HHDA.	SVAA.	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 The SVVA shall specify the Effective from Settlement Date (J1869) and where appropriate the Effective to Settlement Date (J1870) in the D0354 Metering System Reporting Notification

⁴ The SVVA shall specify the Effective from Settlement Date (J1869) and where appropriate the Effective to Settlement Date (J1870) in the D0354 Metering System Reporting Notification.

Amend section 3.7 as follows:

3.7 Processing of SVAA instructions relating Instruction to HHDA to report metered data for individual Metering Systems in Secondary BM Units

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.1	<u>As soon as SVAA identifies a need to instruct a HHDA to begin reporting metered data for a specific MSID⁵, e.g. On receipt of notification of Metering System(s) in a Secondary BM Unit⁶ in accordance with BSCP507 or confirming the validity of a declaration for an SVA Storage Facility in accordance with Section S-2 and BSCP508</u>	Notify Metering System(s) to relevant HHDA(s)	SVAA	HHDA	D0354 – Metering System Reporting Notification ⁷	Electronic or other method, as agreed.
3.7.2	Within 1 WD of 3.7.1	Process notification and validate	HHDA		Appendix 4.6	Internal Process
3.7.3	Within 1 WD of 3.7.1	If Metering System Reporting Notification cannot be processed or is invalid send reporting rejection notice.	HHDA	SVAA	D0356 - Metering System Reporting Rejection	Electronic or other method, as agreed.
3.7.4	Within 1 WD of 3.7.1	If Metering System Reporting Notification can be processed and is valid, send confirmation of acceptance.	HHDA	SVAA	D0355 Metering System Reporting Confirmation	Electronic or other method, as agreed.

⁵ If SVAA identifies that a HHDA is already reporting metered data for an MSID in accordance with an earlier instruction, then it does not need to send a further instruction.

⁶ A Secondary BM Unit is comprised of one or more Metering Systems

⁷ The SVAA shall specify the Effective from Settlement Date (J1869) and where appropriate the Effective to Settlement Date (J1870) in the D0354 Metering System Reporting Notification

Amend section 3.8 as follows:

3.8 Instruction to HHDA to cease reporting metered data for individual Metering Systems

<u>REF.</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>3.8.1</u>	<u>As soon as SVAA becomes aware that it no longer requires metered data for an individual Metering System(s) for any process specified under the BSC.</u>	<u>Notify the HHDA of the Effective to Settlement Date to cease reporting.</u>	<u>SVAA</u>	<u>HHDA</u>	<u>D0354 – Metering System Reporting Notification⁸</u>	<u>Electronic or other method, as agreed.</u>
<u>3.8.2</u>	<u>Within 1 WD of 3.8.1</u>	<u>Process notification and validate</u>	<u>HHDA</u>		<u>Appendix 4.6</u>	<u>Internal Process</u>
<u>3.8.3</u>	<u>Within 1 WD of 3.8.1</u>	<u>If Metering System Reporting Notification cannot be processed or is invalid send reporting rejection notice.</u>	<u>HHDA</u>	<u>SVAA</u>	<u>D0356 - Metering System Reporting Rejection</u>	<u>Electronic or other method, as agreed.</u>
<u>3.8.4</u>	<u>Within 1 WD of 3.8.1</u>	<u>If Metering System Reporting Notification can be processed and is valid, send confirmation of acceptance.</u>	<u>HHDA</u>	<u>SVAA</u>	<u>D0355 Metering System Reporting Confirmation</u>	<u>Electronic or other method, as agreed.</u>

⁸ The SVVA shall specify the Effective to Settlement Date (J1870) in the D0354 Metering System Reporting Notification.

Amend section 4.6 as follows:

4.6 Metering System Reporting Notification Validation

The HHDA will validate the Metering System Reporting Notification files received in accordance with the Data Transfer Catalogue.

The HHDA must be able to differentiate between instructions sent to it by its Supplier and instructions sent to it by SVAA. That is the File Sequence Number and Instruction Number included in two D0354 data flows may be the same except that one is sent by a Supplier and the other by the SVAA – in such a scenario each D0354 instruction is independent of the other and should be actioned by the HHDA.

A record of all validation failures must be kept for audit and control purposes.