Redlined BSCP503 text for P344

P344 proposes changes to section(s) 1.1, 1.2. 1.2A, 1.4, 1.5, 1.6.1, 3.4.2, 3.6, 3.7 and 4.4.3. We have redlined these changes against Version 19.0, which will go live as part of the February 2019 Release.

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

Amend section 1.1 as follows:

1.1   Scope and Purpose of the Procedure

This BSC Procedure defines the processes that the Half Hourly Data Aggregator (HHDA) shall use for data aggregation for SVA Metering Systems with Half Hourly (HH) SVA Metering Equipment.

This BSC Procedure focuses on the interfaces between the HHDA and other Agencies seen from the perspective of the HHDA.

The purpose of this procedure is:

- to ensure that the work of the HHDA is carried out in an orderly manner and in accordance with the registration in the Supplier Meter Registration Service (SMRS);

- to achieve the proper aggregation of half hour consumption data received from the HH Data Collector (HHDC) together with calculated line loss consumption data;

- to provide this and other information timely to the Supplier Volume Allocation Agent (SVAA) and to each Supplier for whom the HHDA is registered in SMRS; and

- where requested by the SVAA, to provide non-aggregated Half Hourly Metered Volumes for individual SVA Metering Systems ('Metering System Half Hourly Metered Volumes') to the SVAA.

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).

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 Unit[1] 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

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[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'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.

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 1.2A as follows:

1.2A   EMR Responsibilities

The HHDA shall send to the CfD Service Provider and the CM Service Provider Half Hourly metered data for specific Metering Systems for which it is responsible. The HHDA's Supplier shall instruct the HHDA of the specific Metering Systems. The data shall be submitted for each VAR and in accordance with the SVAA calendar. Please note that this requirement is for the purposes of submitting certain Capacity Market Capacity Providers, and certain Energy Intensive Industry (EII) SVA Customers energy volumes to EMR settlement.

Once the HHDA has accepted to send the metered data for specific Metering Systems it must continue to send the metered data for all Settlement Days from the effective from settlement date to the effective to settlement to date in the instructions.

Amend section 1.4 as follows:

1.4   Balancing and Settlement Code Provision

This BSC Procedure has been produced in accordance with the provisions of the Balancing and Settlement Code (the Code). In the event of an inconsistency between the provisions of this BSC Procedure and the Code, the provisions of the Code shall

prevail.

The requirements of HHDAs under the Code can be found in BSC Sections J.

'Party Agents' and S 'Supplier Volume Allocation'. The principal functions of a HHDA are:

  (a) Receive half-hourly data from the relevant HHDC;

  (b) Validate data and provide reports;

  (c) Enter data into the relevant data aggregation system;

  (d) Maintain relevant standing data;

  (e) Receive and maintain Line Loss Factors provided by BSCCo and approved by the Panel;

  (f) Aggregate the metered data in MWh in the relevant data aggregation system;

  (g) Receive and maintain Additional BM Unit data for each Supplier (in respect of which the HHDA is appointed) and to receive, validate and maintain details of the SVA Metering Systems for which such Supplier is the Registrant allocated by that Supplier to its Additional BM Units in the same GSP Group;

  (h) Provide to the SVAA data aggregated by Supplier BM Unit or by Supplier and by GSP Group in accordance with the further provisions of Section S;

  (i) Provide, where applicable, Half Hourly metered data for the Capacity Market to the CM Settlement Services Provider in accordance with Section S 2.9; ~~and~~

  (j) Provide, where applicable, Half Hourly metered data for the CFD Arrangements to the CfD Settlement Services Provider in accordance with Section S 2.10; and

  (k) Provide, where requested by the SVAA, Half Hourly MSID Metered Volumes to the SVAA.

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Amend section 1.5 as follows:

1.5 Associated BSC Procedures

BSCP01	Overview of Trading Arrangements.
BSCP11	Trading Disputes.
BSCP128	Production, Submission, Audit and Approval of Line Loss Factors

BSCP501	Supplier Meter Registration Service.
BSCP502	Half Hourly Data Collection for Metering Systems Registered in SMRS.
BSCP507	Supplier Volume Allocation Standing Data Changes
BSCP508	Supplier Volume Allocation Agent.
BSCP515	Licensed Distribution
BSCP537	Qualification Process for SVA Parties, SVA Party Agents and CVA MOAs.
BSCP602	SVA Metering System Balancing Services Register

Amend section 1.6.1 as follows:

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
CfD	Contracts for Difference
CM	Capacity Market
DCC	Data Communications Company
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
MDDM	Market Domain Data Manager
MSID	Metering System Identifier
MWh	Megawatt hour
Ref	Reference
SMETS	Smart Metering Equipment Technical Specifications

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

Amend section 3.4.2 as follows:

3.4.2   Perform Data Aggregation Run[2].

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
3.4.2.3B	Upon receipt of a D0354 – Metering System Reporting Notification[3] At the same time as 3.4.2.3	Where instructed by the SVAA, send Metering System Half Hourly Metered Volumes in kWh and clocktime.	HHDA	SVAA	Dxxxx Metering System Half Hourly Metered Volumes	Electronic or other method, as agreed

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[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

[3] The SVVA shall specify the Effective from Settlement Date (J1869) the Effective to Settlement Date (J1870) in the D0354 Metering System Reporting Notification

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
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.

Amend section 3.6 as follows:

3.6 Processing Supplier Instructions for EMR

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.1	Where request received from Capacity Provider: Within 1 WD of valid request from Capacity Provider. Where EII Certificate issued or commencing supply[4] to an EII holding a valid EII Certificate: On being notified by an EII customer that it holds a	Send Metering System Reporting Notification	Supplier	HHDA	D0354 Metering System Reporting Notification	Electronic or other method, as agreed.

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[4] Suppliers do not need to wait until its supply has commenced for its EII customer before sending the D0354 Metering System Reporting Notification. Suppliers should endeavour to get its HHDA to submit metered data to the CfD Service Provider and CM Service Provider from its Supply Start Date.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
	valid EII Certificate, by the later of the 30th day after the date the notification was received, or the effective from date stated on the EII Certificate. Where a supplier ceases to supply an EII: By the 30th day after the supplier ceased supplying the EII that held the EII Certificate[5]. Where EII Certificate expires or is revoked: On being notified that an EII Certificate is being or has been revoked, by the later of the 30th day after the date the notification was received, or the date the revocation notice takes effect[6]. Where no notification of revocation is received relating to an EII Certificate, by the 30th day after the date that the EII certificate ceased to be valid[7].					
3.6.2	Within 1 WD of 3.6.1	Process notification and validate	HHDA		Appendix 4.6	Internal Process
3.6.3	Within 1 WD of 3.6.1	If Metering System Reporting Notification cannot be processed or is invalid send reporting rejection notice. Return to 3.6.1 if Supplier wishes to provide revised notification.	HHDA	Supplier	D0356 Metering System Reporting Rejection	Electronic or other method, as agreed.
3.6.4	Within 1 WD of 3.6.1	If Metering System Reporting Notification valid send confirmation of acceptance.	HHDA	Supplier, CfD Service Provider and CM Service Provider	D0355 Metering System Reporting Confirmation	Electronic or other method, as agreed.

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[5] Suppliers should send the D0354 Metering System Reporting Notification setting the Effective to Settlement Date (J1870) to the last day of supply.
[6] Suppliers should send the D0354 Metering System Reporting Notification setting the Effective to Settlement Date (J1870) to the date the revocation notice takes effect.
[7] Suppliers should send the D0354 Metering System Reporting Notification setting the Effective to Settlement Date (J1870) to the expiry date of the certificate.

Amend section 3.7 as follows:

3.7   Processing of SVAA instructions relating to Metering Systems in Secondary BM Units

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.1	On receipt of notification of Metering System(s) in a Secondary BM Unit[8] in accordance with BSCP507	Notify Metering System(s) to relevant HHDA(s)	SVAA	HHDA	D0354 – Metering System Reporting Notification[9]	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.

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[8] A Secondary BM Unit is comprised of one or more Metering Systems
[9] The SVVA shall specify the Effective from Settlement Date (J1869) the Effective to Settlement Date (J1870) in the D0354 Metering System Reporting Notification

Amend section 4.4.3 as follows:

4.4.3   EMR Data

In addition to performing aggregation for the SVAA, the HHDA will collate and process data relating to Metering Systems that have been notified by the Supplier as supporting EMR. The HHDA must provide the results of this processing to the CfD Service Provider and CM Service Provider.

Where the Supplier has notified the HHDA of Metering Systems supporting EMR, the HHDA will, for each relevant SVA Metering System, for each Settlement Period, calculate the line losses by applying the appropriate Line Loss Factor to the energy volumes that it has received from the Half Hourly Data Collector. Where data is not received from the HHDC the HHDA shall use the existing provisions in section 4.3.

The D0357 Half Hourly Metered Data for EMR gives the full data list produced by the aggregation run.

The HHDA will provide the CfD Service Provider and the CM Service Provider with the collated data, grouped by Supplier.