

Balancing and Settlement Code

BSC PROCEDURE

**SHARED SVA METER ARRANGEMENT OF HALF HOURLY
IMPORT AND EXPORT ACTIVE ENERGY**

BSCP550

Version 12.0

Date : 6 November 2008

BSC Procedure 550**relating to****Shared SVA Meter Arrangement of Half Hourly Import and Export Active Energy**

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 BSC Procedure 550, Version 12.0 relating to Shared SVA Meter Arrangement of Half Hourly Import and Export Active Energy.
3. This BSC Procedure is effective from 6 November 2008.
4. This BSC Procedure has been approved by the Panel.

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AMENDMENT RECORD

Version	Date	Description of Changes	CRs Included	Mods Panel Ref
2.0	Code Effective Date	Approved for use by the Panel		
3.0	Code Effective Date	Incorporation of SMRS to CMRS Transfers. (Including peer review comments)	NCR114	
4.0	08/03/02	P67 'Facilitation of Further Consolidation Options for Licence Exempt Generators (DTI Consolidator Working Group 'Option 4')' changes embodied.	AR1177	SVG/12/153
5.0	26/04/02	MTC changes embodied to identify actual and pseudo MSIDs.	CP765	SVG/14/179
6.0	01/08/03	Updated for Modification P62	P62	SVG/29/390
7.0	28/08/03	August 2003 SVA Document Batch Release	CPs 854, 912	SVG/29/389, SVG/30/397
8.0	04/11/03	SVA November 2003 Release	CP811	SVG/33/442
9.0	BETTA Effective Date	SVA February 2005 Release and BETTA 6.3	CP1091 and BETTA 6.3	SVG/48/004
10.0	23/08/07	P197 Release	P197, CP1176	P/115/04 SVG67/16 ISG68/02
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12.0	06/11/08	November 08 Release	CP1234	SVG85/02

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¹ This section numbering used in the BSC Procedure must not change in order to keep the document in line with the other BSCPs listed in Section 1.5.

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1. Introduction

1.1 Scope and Purpose of the Procedure

This BSC Procedure (BSCP) defines the additional processes and responsibilities involved where two or more Suppliers receive Active Energy through the same Shared SVA Metering System, referred to as Shared SVA Meter Arrangement.

This data shall be supplied to meet either the:-

- (a) Initial Volume Allocation Run timescales; or
- (b) Final Reconciliation Volume Allocation Run timescales.

The requirements for allocating the Reactive Energy between two or more Suppliers are outside the scope of this document.

Since Suppliers involved with Shared SVA Meter Arrangement do not have to appoint the same Half Hour Data Aggregator (HHDA), the "Change of HHDA" procedure is not covered in this document but in BSCP503.

This BSCP should also be used in conjunction with BSCP68 for the Transfers of Registrations of Third Party Generator / Generating Plant from CMRS to SMRS. However, in the case of a Transfer from SMRS to CMRS do not use the disconnection process described in this BSCP, but refer directly to BSCP68.

If the site is considered (by the MOA and HHDC) to be a Complex Site, refer to BSCP514 for details regarding the D0268 'Half Hourly Meter Technical Details' dataflow and the 'Complex Site Supplementary Information Form'.

1.2 Main Users of Procedure and their Responsibilities

This BSCP should be used by Suppliers, acting in the role of a Primary or Secondary Supplier, Supplier Agent(s), (including Meter Operator Agents, Half Hourly Data Collectors, and Half Hourly Data Aggregators), each Licensed Distribution System Operator (LDSO) and the Transfer Co-ordinator.

The Suppliers using the Shared SVA Meter Arrangements shall agree who is to act as the Primary Supplier and who is to act as Secondary Supplier or Secondary Suppliers in the case of the Multiple Fixed Block Method for Shared SVA Meter Arrangements. Each Supplier will allocate the appropriate half hourly Meter Timeswitch Code (MTC) for each Metering System Identifier (MSID) (either actual Primary MSID or pseudo Secondary MSID(s)) that they are responsible for as defined in Market Domain Data.

In addition for the Fixed Block and Multiple Fixed Blocks Methods, the Primary Supplier will be required to identify which Party is the Variable Supplier and which Parties are the Fixed Supplier(s).

The Primary Supplier is responsible for nominating the Meter Operator Agent (MOA) and the Half Hourly Data Collector (HHDC) Qualified in the procedures set out in this document for the Primary and Secondary Shared SVA MSIDs and for informing the Secondary Supplier or in the case of the Multiple Fixed Block Method informing the Secondary Suppliers of these nominations.

The number of Suppliers that can utilise the Multiple Fixed Block Method, for either the Active Import or the Active Export Energy will be set at eight, however

this flexible limit can be increased if all organisations involved can do so without compromising the processes or timescales described in BSCP550. Where eight Suppliers choose to utilise the Multiple Fixed Block Method, this will result in one Primary Supplier (utilising a Primary MSID) and seven Secondary Suppliers utilising pseudo Secondary MSIDs (with a single Variable Supplier having two MSIDs) sharing the Active Energy through the same Shared SVA Metering System.

Where the same Metering Equipment (ME) is being utilised for the measurement of Import² and Export³ Energy, the Export Supplier (or Primary Export Supplier, as the case may be) shall liaise with the Import Supplier (or Primary Import Supplier, as the case maybe) to obtain the identity of the MOA to be appointed to comply with the requirements of the Code. Similarly, where a common Outstation is being utilised for the Import and Export Energy the Export Supplier (or the Primary Export Supplier, as the case maybe) shall liaise with the Import Supplier (or Primary Import Supplier, as the case may be) and appoint the same HHDC. In the event that a Supplier's HHDC is not Qualified for Shared SVA Meter Arrangement, the Suppliers shall agree to appoint the same Qualified HHDC.

The Primary Supplier is responsible for the Primary MSID and for the associated new pseudo Secondary MSID(s) until the change of Supplier process is completed. Each Secondary Supplier will take subsequent responsibility for a pseudo Secondary MSID.

Each Supplier is responsible for appointing a MOA, HHDC and HHDA for their respective Shared SVA MSID and for maintaining its own registration details in SMRS. In respect of the MOA and HHDC appointments, all Suppliers shall appoint the same Party Agents.

The Suppliers shall ensure the Allocation Schedule for splitting the half hourly Active Energy data between them complies with the Code requirements, as set out in the relevant Appendices and is provided to the HHDC by Gate Closure. If the Allocation Schedule is received after Gate Closure for the start of the Settlement Day to which it is related, then that Allocation Schedule will not be used by the HHDC, and the existing one will be used instead.

The LDSO is responsible for maintaining a record of the Primary and pseudo Secondary MSIDs it has issued, together with the association between them (i.e. that there is only one physical Metering System (MS)), and for ensuring no duplicates are created.

The MOA and HHDC shall maintain similar records. . The MOA shall record against the Identifier for the relevant Associated Supplier the SVA Metering System Number relating to that Supplier (being, in the case of the Supplier which is not the Primary Supplier, the Secondary SVA Metering System Number for

² For the purposes of this BSCP, all references to the term 'Import' shall refer to that definition which is contained in the BSC SVA Data Catalogue. Where the term 'import' is used this shall refer to the virtual import which will apply if either the Fixed Block Method or the Multiple Fixed Block Method is being utilised in accordance with Appendix 4.2.

³ For the purposes of this BSCP, all references to the term 'Export' shall refer to that definition which is contained in the BSC SVA Data Catalogue. Where the term 'export' is used this shall refer to the virtual export which will apply if either the Fixed Block Method or the Multiple Fixed Block Method is being utilised in accordance with Appendix 4.2.

each Secondary SVA Metering System) and the Identifiers for the Associated Half Hourly Data Collector.

Where the paragraph above applies, the MOA shall record the same Meter Technical Details for the relevant Metering System against each of the relevant SVA Metering System Numbers, save that, in respect of the SVA Metering System Number relating to the Associated Supplier which is not the Primary Supplier, the value for the pulse multiplier and the Meter multiplier shall be shown as zero.

1.3 Use of the Procedure

This BSCP shall be followed at the stage that it is identified that the Active Energy is to be split between Suppliers or that the Shared SVA Meter Arrangement is to cease. Up to that stage, the procedures set out in BSCP502 shall be followed.

Upon the appointment of two or more Suppliers to a new Shared SVA Metering System, or more than one Supplier for an existing SVA Metering System, the Suppliers shall ensure that an Allocation Schedule, as set out in the relevant Appendix, is agreed. This Allocation Schedule shall be based upon an approved Method for splitting the Active Energy data between the Suppliers.

The HHDC shall receive an initial Allocation Schedule from the Primary Supplier and the Primary Supplier will be the single Party that has the authority of all of the other Parties involved for providing updates to the Allocation Schedule.

The HHDC shall allocate the proportion of half hourly Active Energy data specified in the Allocation Schedule. There are four Methods:

- i. Percentage Method;
- ii. Capped Block Method;
- iii. Fixed Block Method; or
- iv. Multiple Fixed Block Method.

Details of each data splitting method are covered in the relevant Appendix. If the Allocation Schedule is not provided or is invalid, the HHDC will apply the rules described in the relevant Appendix.

The Primary MSID is the enduring MSID for any changes between single and Shared SVA Meter Arrangements and shall have the MTD for the physical MS assigned to it. The pseudo Secondary MSID(s) shall only exist whilst there is Shared SVA Meter Arrangement. The MTD for pseudo Secondary MSID(s) shall be amended such that the Meter Multiplier and Pulse Multiplier are set to zero, to minimise the risk of duplicate metering data entering the Settlement process.

The determination of Measurement Class for the Import Site requires special processing by the Suppliers. Suppliers therefore have a choice of:

- Calculating the Measurement Class based on the total consumption at the Site; or

- Registering the Site as Measurement Class ‘C’, and thereby treating it as above 100kW for performance assurance purposes.

When the Primary Supplier completes the registration of the pseudo Secondary MSID(s) for a new connection (3.1) or change of Supplier (3.2), the Supply Start Date (SSD) specified shall be sufficiently in advance of the required contract SSD to enable the Secondary Supplier(s) to undertake the change of Supplier process by the contract SSD, taking into account the 10-day lockout period. The pseudo Secondary MSID(s) shall be registered as de-energised during this interim period to avoid erroneous metering data being passed into Settlements. Also, for this interim period the Primary Supplier shall appoint a MOA, HHDC and HHDA for this pseudo Secondary MSID(s).

Throughout this procedure, timetables reflect the number of Working Days (WDs) by which an activity should be completed.

The remaining sections in this document are:

Section 2 - Workflow Diagrams: this section reflects the business processes of this BSCP in diagrammatic format. Each box within the business process has a cross-reference to Section 3.

Section 3 - Interface and Timetable Information: this section defines in detail the requirements of each business process, as displayed in Section 2.

Section 4 - Appendices: this section defines in greater detail the procedures and responsibilities of the HHDC.

1.4 Balancing and Settlement Code Provision

This BSCP 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 BSCP and the Code, the provisions of the Code shall prevail.

1.5 Associated BSC Procedures

BSCP68	Transfer of Registration of Metering Systems between CMRS and SMRS.
BSCP501	Supplier Meter Registration Service.
BSCP502	Half Hourly Data Collection for Metering Systems Registered in SMRS.
BSCP503	Half Hourly Data Aggregation for Metering Systems Registered in SMRS.
BSCP514	SVA Meter Operations for Metering Systems registered in SMRS.

1.6 Acronyms and Definitions

1.6.1 Acronyms

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

CMRS	Central Meter Registration Service
HHDA	Half Hourly Data Aggregator
HHDC	Half Hourly Data Collector
Id	Identifier
LDSO	Licensed Distribution System Operator
MOA	Meter Operator Agent
MS	Metering System
MSID	Metering System Identifier
MTC	Meter Timeswitch Code
MTD	Meter Technical Details
SMRA	Supplier Meter Registration Agent
SMRS	Supplier Meter Registration Service
SSD	Supply Start Date (also known as Effective from Settlement Date {REGI}).
SVA	Supplier Volume Allocation
WD	Working Day

1.6.2 Definitions

Full definitions of the above acronyms are, where appropriate, included in the Code.

2. Not Used

3. Interface and Timetable Information

3.1 New Connection or Transfers from CMRS to SMRS^{4 5 6}

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1	As required. ⁷	Agree:- 1. Primary Supplier and Secondary Supplier(s); 2. Fixed and Variable Supplier(s) if either the Fixed Block or Multiple Fixed Block Methods are to be used; and 3. the contract SSD and the initial Allocation Schedule.	Primary Supplier	Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.3 & 4.4.	By post, fax or electronic media.
3.1.2	At least 15 WD prior to contract SSD.	Notify LDSO that Shared SVA Meter Arrangement being initiated and that Primary and pseudo Secondary MSIDs will be required.	Primary Supplier	LDSO	Provide details of intended Suppliers and MSIDs required for Shared SVA Meter Arrangement.	By post, fax or electronic media.
3.1.3	Within 2 WD of 3.1.2.	Allocate Primary and pseudo Secondary MSIDs, record association and ensure no duplication.	LDSO	SMRA	As per BSCP501.	By post, fax or electronic media.
3.1.4	Within 2 WD of 3.1.2.	Send Primary and pseudo Secondary MSIDs to Primary Supplier.	LDSO	Primary Supplier	As per BSCP501.	By post, fax or electronic media.
3.1.5	Within 2 WD of 3.1.3.	Record details for Primary and pseudo Secondary MSIDs.	SMRA		As per BSCP501.	Internal process.

⁴ If a Registration Transfer from CMRS, the Supply Start Date will be the "Effective From Date" defined in BSCP68, Section 3.2.

⁵ Each Supplier will allocate the appropriate half hourly MTC for each MSID (either actual Primary MSID or pseudo Secondary MSID(s)) that they are responsible for as defined in Market Domain Data.

⁶ Refer to BSCP514 for the method of installation of the MS.

⁷ If Registration is a Transfer of Registration from CMRS, proceed in accordance with BSCP68.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.6	At least 11 WD prior to contract SSD.	Complete Primary Supplier and Party Agent registration details for all MSIDs in SMRS, with appropriate SSD. (see Section 1.3)	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.1.7	Within 2 WD of 3.1.6.	Record registration details for Primary and pseudo Secondary MSIDs in accordance with BSCP501.	SMRA		As per BSCP501.	Internal process.
3.1.8	At least 5 WD before Appointment Date.	Send Party Agent appointment details for the Primary and pseudo Secondary MSIDs.	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP 514 and Appendices 4.1, 4.6 & 4.7.	Electronic or other agreed method.
3.1.9	Within 2 WD of 3.1.8.	Confirm details are complete and consistent. Resolve errors with Primary Supplier.	MOA, HHDC, HHDA	Primary Supplier	As per BSCP502/BSCP503 and BSCP514	Electronic or other agreed method.
3.1.10	Within 2 WD of 3.1.9.	Advise Secondary Supplier(s) of pseudo Secondary MSID(s), MOA, HHDC and HHDA details.	Primary Supplier	Secondary Supplier(s)		By post, fax or electronic media.
3.1.11	By contract SSD-1WD.	Follow change of Supplier procedure for pseudo Secondary MSID(s).	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.1.12	Within 2WD of 3.1.11.	Update record for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.13	At least 5 WD before Appointment Date.	Send Party Agent appointment details for the pseudo Secondary MSID(s).	Secondary Supplier(s)	MOA, HHDC, HHDA(s)	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.1.14	Within 2 WD of 3.1.13.	Confirm appointment details are complete and consistent for pseudo Secondary MSID(s). Resolve errors with Secondary Supplier(s).	MOA, HHDC, HHDA(s)	Secondary Supplier(s)	As per BSCP502 /BSCP503 and BSCP514	Electronic or other agreed method.
3.1.15	At least 5 WD before Primary Supplier Appointment Termination Date.	Send appointment termination date for pseudo Secondary MSID(s) to MOA, HHDC and HHDA.	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendix4.7.	Electronic or other agreed method.
3.1.16	Within 2 WD of 3.1.15.	Confirm appointment termination details are complete and consistent. Resolve errors with Primary Supplier.	MOA, HHDC	Primary Supplier	As per BSCP502/BSCP514 and Appendices 4.1 &4.6.	Electronic or other agreed method..
3.1.17	At least 5 WD before Primary Supplier Appointment Termination Date.	Confirm appointment termination details are complete and consistent for pseudo Secondary MSID(s). Resolve errors with Primary Supplier.	HHDA	Primary Supplier	As per BSCP503.	Electronic, or other agreed method

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.18	By Gate Closure.	Notify HHDC and Secondary Supplier(s) of the initial Allocation Schedule. (HHDC and Secondary Supplier(s) should receive the initial Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3	By fax or electronic media.
3.1.19	As soon as practicable after receipt.	Confirm that Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Supplier(s)		Email

3.2 Change of Supplier for an Existing Shared SVA Metering System

3.2.1 Single to Shared SVA Metering System ^{8 9}

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1.1	As required.	Agree:- 1 Primary Supplier and Secondary Supplier(s); 2. Fixed and Variable Supplier(s) if either the Fixed Block or Multiple Fixed Block Methods are to be used; and 3. the contract SSD and the initial Allocation Schedule.	Primary Supplier	Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media.
3.2.1.2	Prior to 3.2.1.3	Notify LDSO that Shared SVA Meter Arrangement being initiated, provide Primary MSID and notify that pseudo Secondary MSID(s) will be required.	Primary Supplier	LDSO	Provide details of intended Suppliers and MSIDs required for Shared SVA Meter Arrangement.	
3.2.1.3	At least 15 WD prior to contract SSD.	Follow change of Supplier procedure for Primary MSID with agreed SSD.	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.1.4	Within 2 WD of 3.2.1.3.	Record details for Primary MSID.	SMRA		As per BSCP501.	Internal process
3.2.1.5	At least 13 WD prior to contract SSD.	Notify change to Primary MSID and apply for the pseudo Secondary MSID(s) and identify as a request for pseudo MSID(s).	Primary Supplier	LDSO	As per BSCP501.	By post, fax or electronic media.

⁸ Where the existing Supplier continues on as either the Primary or Secondary Supplier, the appropriate parts of this procedure shall be followed.

⁹ Each Supplier will allocate the appropriate half hourly MTC for each MSID (either actual Primary MSID or pseudo Secondary MSID(s)) that they are responsible for as defined in Market Domain Data.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1.6	Within 2 WD of 3.2.1.5.	Designate original MSID as Primary MSID, allocate pseudo Secondary MSID(s), record association and ensure no duplication.	LDSO	SMRA	As per BSCP501.	Manual interface.
3.2.1.7	Within 2 WD of 3.2.1.5.	Send MSIDs to Primary Supplier.	LDSO	Primary Supplier	As per BSCP501.	Electronic or other agreed method.
3.2.1.8	At least 11 WD prior to contract SSD.	Complete Supplier and Party Agents registration details in for pseudo MSIDs in SMRS, with an appropriate SSD. (see Section 1.3)	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.1.9	Within 2 WD of 3.2.1.8.	Record details for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.2.1.10	At least 5 WD before Secondary Supplier Appointment Date	Send Party Agent appointment details for the Primary and pseudo Secondary MSID(s).	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.2.1.11	Within 2 WD of 3.2.1.10	Confirm details for all MSIDs are complete and consistent. Resolve errors with Primary Supplier.	MOA, HHDC, HHDA(s)	Primary Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.1.12	Within 2 WD of 3.2.1.11.	Advise Secondary Supplier(s) of pseudo Secondary MSID(s), MOA, HHDC and HHDA details.	Primary Supplier	Secondary Supplier(s)		By post, fax or electronic media.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1.13	By contract SSD-1WD.	Follow change of Supplier procedure for pseudo Secondary MSID(s).	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.1.14	Within 2 WD of 3.2.1.13.	Update record for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.2.1.15	At least 5 WD before Secondary Supplier Appointment Date.	Send Party Agent appointment details for the pseudo Secondary MSID(s).	Secondary Supplier(s)	MOA, HHDC, HHDA(s)	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.2.1.16	Within 2 WD of 3.2.1.15.	Confirm appointment details are complete and consistent for pseudo Secondary MSID(s). Resolve errors with Secondary Supplier(s).	MOA, HHDC, HHDA(s)	Secondary Supplier(s)	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.1.17	At least 5 WD before Primary Supplier Appointment Termination Date.	Send appointment termination date for pseudo Secondary MSID(s) to MOA, HHDC and HHDA.	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.2.1.18	Within 2 WD of 3.2.1.17.	Confirm appointment termination details are complete and consistent. Resolve errors with Primary Supplier.	MOA, HHDC, HHDA	Primary Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1.19	By Gate Closure.	Notify HHDC and Secondary Supplier(s) of the initial Allocation Schedule. (HHDC and Secondary Supplier(s) shall receive the initial Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By fax or electronic media.
3.2.1.20	As soon as practicable after receipt.	Confirm that Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Supplier(s)		Email

3.2.2 Change of All Suppliers for a Shared SVA Metering System⁵

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.2.1	As required.	Agree:- 1. Primary Supplier and Secondary Supplier(s); 2. Fixed and Variable Supplier(s) if either the Fixed Block or Multiple Fixed Block Methods are to be used; and 3. Contract SSD and initial Allocation Schedule.	Primary Supplier	Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media.
3.2.2.2	Prior to 3.2.2.3	Notify LDSO of intention to amend Shared SVA Meter Arrangement.	Primary Supplier	LDSO	Provide details of intended Suppliers and MSIDs required for Shared SVA Meter Arrangement.	
3.2.2.3	At least 1 WD prior to contract SSD.	Follow change of Supplier procedure for Primary MSID with agreed contract SSD.	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.2.4	Within 2 WD of 3.2.2.3	Record details for Primary MSID.	SMRA		As per BSCP501.	Internal process
3.2.2.5	At least 1 WD prior to contract SSD.	Advise Secondary Supplier(s) of MOA, HHDC and HHDA appointment details.	Primary Supplier	Secondary Supplier(s)		By post, fax or electronic media.
3.2.2.6	By contract SSD-1WD.	Follow change of Supplier procedure for pseudo Secondary MSID(s), with agreed contract SSD.	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.2.7	Within 2 WD of 3.2.2.6.	Update record for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.2.2.8	At least 5 WD before Appointment Date.	Send Party Agent appointment (or de-appointment) details for the Primary MSID.	New Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.2.2.9	Within 2 WD of 3.2.2.8.	Confirm details are complete and consistent for Primary MSID. Resolve errors with Primary Supplier.	MOA, HHDC, HHDA	Primary Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.2.10	At least 5 WD before Appointment Date.	Send Party Agent appointment (or de-appointment) details for the pseudo Secondary MSID(s).	New Secondary Supplier(s)	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.2.2.11	Within 2 WD of 3.2.2.10.	Confirm details are complete and consistent for pseudo Secondary MSID(s). Resolve errors with Secondary Supplier(s).	MOA, HHDC, HHDA	Secondary Supplier(s)	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.2.12	By Gate Closure.	Notify HHDC and Secondary Supplier(s) of the revised Allocation Schedule. (HHDC and Secondary Supplier(s) shall receive the revised Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Suppliers(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By fax or electronic media.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.2.13	As soon as practicable after receipt.	Confirm that revised Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Supplier(s)		Email.

3.2.3 Change of Supplier for a Shared SVA Metering System⁵

This process is applicable for either a change of Primary or Secondary Supplier. In the case where a Primary Supplier is changing, the reference to Primary Supplier in the table below is to the original Primary Supplier except in 3.2.3.10 and 3.2.3.11 where it will be the new Primary Supplier.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.3.1	As required.	Agree contract SSD and revised Allocation Schedule.	Current Supplier(s)	New Supplier	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media.
3.2.3.2	Prior to 3.2.3.3	Notify LDSO of intention to amend Shared SVA Meter Arrangement.	Primary Supplier	LDSO	Provide details of intended Suppliers and MSIDs required for Shared SVA Meter Arrangement.	
3.2.3.3	At least 1 WD prior to contract SSD.	Follow change of Supplier procedure for MSID with agreed contract SSD.	New Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.3.4	Within 2 WD of 3.2.3.3.	Record details for changing Supplier.	SMRA		As per BSCP501.	Internal process
3.2.3.5	At least 1 WD prior to contract SSD.	Notify new Supplier of MOA, HHDC and HHDA appointment details.	Primary Supplier	New Supplier		By post, fax or electronic media.
3.2.3.6	At least 5 WD before New Supplier Appointment Date.	Send Party Agent appointment details for the changing MSID.	New Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.3.7	Within 2 WD of 3.2.3.6.	Confirm details are complete and consistent for changing Supplier. Resolve errors with new Supplier.	MOA, HHDC, HHDA for changing MSID	New Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.3.8	At least 5WD before Old Supplier Appointment Termination Date.	Send appointment termination date for changing Supplier to MOA, HHDC and HHDA.	Old Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.3.9	Within 2WD of 3.2.3.8.	Confirm appointment termination details are complete and consistent. Resolve errors with old Supplier.	MOA, HHDC, HHDA	Old Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic, or other agreed method.
3.2.3.10	By Gate Closure.	Notify HHDC and Secondary Supplier(s) of the revised Allocation Schedule. (HHDC and Secondary Supplier(s) shall receive the revised Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4. 2 & 4.3.	By fax or electronic media.
3.2.3.11	As soon as practicable after receipt.	Confirm that revised Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Supplier(s)		Email.

3.2.4 Additional Pseudo Secondary MSID(s) to a Shared SVA Metering System with a Multiple Fixed Block Allocation Schedule⁵

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.4.1	As required.	Agree contract SSD and revised Allocation Schedule.	Primary Supplier	Additional & Current Secondary Suppliers	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media.
3.2.4.2	Prior to 3.2.4.3	Notify LDSO of intention to amend Shared SVA Meter Arrangement.	Primary Supplier	LDSO	Provide details of intended Suppliers and MSIDs required for Shared SVA Meter Arrangement.	
3.2.4.3	At least 13 WD prior to contract SSD.	Apply for additional pseudo Secondary MSID(s) and identify as a request for pseudo Secondary MSID(s).	Primary Supplier	LDSO	As per BSCP501.	By post, fax or electronic media.
3.2.4.4	Within 2 WD of 3.2.4.3.	Allocate additional pseudo Secondary MSID(s), record association and ensure no duplication.	LDSO	SMRA	As per BSCP501.	Manual interface.
3.2.4.5	Within 2 WD of 3.2.4.3.	Send MSID details to Primary Supplier for pseudo Secondary MSID(s).	LDSO	Primary Supplier	As per BSCP501.	Electronic or other agreed method.
3.2.4.6	At least 11 WD prior to contract SSD.	Complete Supplier and Party Agents registration details for additional pseudo Secondary MSID(s) in SMRS, with an appropriate SSD. (see Section 1.3)	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.4.7	Within 2 WD of 3.2.4.6.	Record details for additional pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.2.4.8	At least 5 WD before Primary Supplier Appointment Date.	Send Party Agent appointment details for the additional pseudo Secondary MSID(s).	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP 514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.2.4.9	Within 2 WD of 3.2.4.8.	Confirm details for additional MSID are complete and consistent. Resolve errors with Primary Supplier.	MOA, HHDC, HHDA(s)	Primary Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.4.10	Within 2 WD of 3.2.4.9.	Advise additional Secondary Supplier(s) of MSID(s), MOA, HHDC and HHDA details.	Primary Supplier	Additional Secondary Supplier(s)		By post, fax or electronic media.
3.2.4.11	By contract SSD-1WD.	Follow change of Supplier procedure for new pseudo Secondary MSID(s).	Additional Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.4.12	Within 2 WD of 3.2.4.11.	Update record for new pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.2.4.13	At least 5 WD before Appointment Date.	Send Party Agent appointment details for the new pseudo Secondary MSID(s).	Additional Secondary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.4.14	Within 2 WD of 3.2.4.13.	Confirm appointment details are complete and consistent. Resolve errors with additional Secondary Supplier(s).	MOA, HHDC, HHDA	Additional Secondary Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.4.15	At least 5 WD before Primary Supplier Appointment Termination Date.	Send appointment termination date for additional pseudo Secondary MSID(s) to MOA, HHDC and HHDA.	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.4.16	Within 2 WD of 3.2.4.15.	Confirm appointment termination details are complete and consistent for additional pseudo Secondary MSID(s). Resolve errors with Primary Supplier.	MOA, HHDC, HHDA	Primary Supplier	As per BSCP502/503 and BSCP514.	Electronic or other agreed method.
3.2.4.17	By Gate Closure.	Notify HHDC and all Secondary Suppliers of the revised Allocation Schedule. (HHDC and Secondary Suppliers shall receive the revised Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Suppliers	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By fax or electronic media.
3.2.4.18	As soon as practicable after receipt.	Confirm that revised Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Suppliers		Email.

3.2.5 Removal of a Secondary Supplier(s) to a Shared SVA Metering System with a Multiple Fixed Block Allocation Schedule

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.5.1	As required.	Inform Primary Supplier of SSD for removal of pseudo Secondary MSID(s).	De-registering Secondary Supplier(s)	Primary Supplier	MSID to be removed and SSD	By post, fax or electronic media.
3.2.5.2	Prior to 3.2.5.3	Notify LDSO of intention to amend Shared SVA Meter Arrangement.	Primary Supplier	LDSO	Provide details of intended Suppliers and MSIDs required for Shared SVA Meter Arrangement.	
3.2.5.3	As required.	Agree revised Allocation Schedule with remaining Secondary Supplier(s) and inform them of the applicable SSD.	Primary Supplier	Remaining Secondary Suppliers	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media
3.2.5.4	At least 1 WD prior to contract SSD.	Follow change of Supplier procedure for MSID(s) with agreed contract SSD.	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.5.5	Within 2 WD of 3.2.5.4.	Update record for de-registering pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process
3.2.5.6	Within 3 WD of 3.2.5.5.	Request logical disconnection with date for de-registering pseudo Secondary MSID(s).	Primary Supplier	LDSO	As per BSCP501.	Electronic or other agreed method.
3.2.5.7	Within 1 WD of 3.2.5.6.	Record de-registering pseudo Secondary MSID(s) as disconnected.	LDSO	SMRA	As per BSCP501.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.5.8	At least 1 WD prior to contract SSD.	Confirm disconnection of de-registering pseudo Secondary MSID(s) to Primary Supplier.	LDSO	Primary Supplier	As per BSCP501.	Electronic or other agreed method.
3.2.5.9	At least 5 WD before Secondary Supplier Appointment Termination Date.	Send appointment termination date for de-registering pseudo Secondary MSID(s) to MOA, HHDC and HHDA.	Primary Supplier	MOA, HHDC, HHDA	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.2.5.10	Within 2 WD of 3.2.5.9.	Confirm appointment termination details are complete and consistent. Resolve errors with Primary Supplier.	MOA, HHDC, HHDA	Primary Supplier	As per BSCP502/BSCP503 and BSCP514.	Electronic or other agreed method.
3.2.5.11	Before Secondary Supplier Appointment Termination Date.	Confirm appointment termination date for de-registering MSID with de-registering Supplier.	Primary Supplier	De-registering Supplier	MSID appointment termination date	Electronic or other agreed method
3.2.5.12	By Gate Closure.	Notify HHDC and all existing Secondary Suppliers of the revised Allocation Schedule. (HHDC and Secondary Suppliers shall receive the revised Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Suppliers	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.5.13	Within 1 WD of 3.2.5.12.	Confirm that revised Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Suppliers		Email.

3.2.6 Shared to Single SVA Metering System¹⁰

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.6.1	Following agreement with other Secondary Suppliers to terminate Shared SVA Meter Arrangement.	Notify LDSO of intention to terminate Shared SVA Meter Arrangement.	Primary Supplier	LDSO		Electronic or other agreed method.
3.2.6.2	At least 5 WD prior to contract SSD.	Follow change of Supplier procedure for Primary and pseudo Secondary MSIDs.	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.2.6.3	Within 2 WD of 3.2.6.1.	Update record for Primary and pseudo Secondary MSIDs.	SMRA		As per BSCP501.	Internal process
3.2.6.4	At least 3 WD prior to contract SSD.	Request disconnection with date for pseudo Secondary MSID(s).	Primary Supplier	LDSO	As per BSCP501.	Electronic or other agreed method.
3.2.6.5	At least 1 WD prior to contract SSD.	Record pseudo Secondary MSID(s) as disconnected and change Primary MSID to normal MSID in records.	LDSO	SMRA	As per BSCP501.	Electronic or other agreed method.

¹⁰ Where either of the existing Suppliers continue on as the sole Supplier, only the appropriate parts of this section of this BSCP shall be followed.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.6.6	Within 2 WD of 3.2.6.5.	Update record for Primary and pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.2.6.7	At least 1 WD prior to contract SSD.	Confirm disconnection of pseudo Secondary MSID(s) to Supplier.	LDSO	Primary Supplier	As per BSCP501.	Electronic or other agreed method.
3.2.6.8	At least 5 WD before Appointment Date.	Send appointment details for the remaining MSID to MOA, HHDC and HHDA.	Primary Supplier	MOA, HHDC HHDA	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.2.6.9	Within 2 WD of 3.2.6.8.	Confirm details are complete and consistent. Resolve errors with Suppliers.	MOA, HHDC, HHDA	Primary Supplier	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Internal process.
3.2.6.10	At least 5 WD before Appointment Termination Date.	Send appointment termination date to MOA, HHDC & HHDA(s).	Primary & Secondary Suppliers	MOA HHDC, HHDA(s)	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.2.6.11	Within 2 WD of 3.2.6.10.	Confirm details are complete and consistent. Resolve errors with Suppliers.	MOA, HHDC, HHDA(s)	Primary & Secondary Suppliers	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Internal process.

3.3 Change of HHDC for an Existing Shared SVA Metering System^{11 12}

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1	As required.	Notify SMRA of new HHDC appointment for Primary MSID.	Primary Supplier ¹³	SMRA	As per BSCP501.	Electronic or other agreed method.
3.3.2	Within 2 WD of 3.3.1.	Update record for Primary MSID.	SMRA		As per BSCP501.	Internal process
3.3.3	Within 2 WD of 3.3.1.	Notify Secondary Supplier(s) of the new HHDC appointment.	Primary Supplier	Secondary Supplier(s)	As per Appendix 4.8	By post, fax or electronic media.
3.3.4	Within 2 WD of 3.3.3.	Update SMRS with new HHDC for pseudo Secondary MSID(s).	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.3.5	Within 2 WD of 3.3.4.	Update record for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process
3.3.6	At least 5 WD before Appointment Date.	Send appointment details of the new HHDC and the termination date for the old HHDC for the Primary MSID.	Primary Supplier	MOA, New HHDC, HHDA, Old HHDC	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.

¹¹ If a HHDC does not receive notification of a start of appointment by the Primary Supplier, although he may have received a start of appointment from the Secondary Supplier(s) refer to Appendix 4.1.

¹² Each Supplier will allocate the appropriate half hourly MTC for each MSID (either actual Primary MSID or pseudo Secondary MSID(s)) that they are responsible for as defined in Market Domain Data.

¹³ Where a common Outstation is being utilised for the Import and Export Energy, the Primary Supplier shall ensure that there are no technical issues where different HHDCs collect from the same Outstation.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.7	Within 2 WD of 3.3.6.	Confirm details are complete and consistent. Resolve errors with Suppliers.	MOA, New HHDC, HHDA, Old HHDC	Primary Supplier	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.3.8	At least 5 WD before Appointment Date.	Send appointment details of the new HHDC and the termination date for the old HHDC for the pseudo Secondary MSID(s).	Secondary Supplier(s)	MOA, New HHDC, HHDA(s), Old HHDC	As per BSCP502/BSCP503/BSCP514 and Appendices 4.1, 4.5 & 4.6.	Electronic or other agreed method.
3.3.9	Within 2 WD of 3.3.8.	Confirm details are complete and consistent. Resolve errors with Suppliers.	MOA, New HHDC, HHDA(s), Old HHDC	Secondary Supplier(s)	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.3.10	As required.	Send Meter history details.	Old HHDC	New HHDC	As per BSCP502	
3.3.11	By Gate Closure.	Notify HHDC and Secondary Supplier(s) of the revised Allocation Schedule. (HHDC and Secondary Supplier(s) shall receive the revised Allocation Schedule by Gate Closure)	Primary Supplier	New HHDC, Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3	By fax or electronic media.
3.3.9.12	As soon as practicable after receipt.	Confirm that revised Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Supplier(s)		Email.

3.4 Change of Meter Operator Agent for an Existing Shared SVA Metering System¹⁴

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.1	As required.	Notify SMRA of new MOA appointment for Primary MSID.	Primary Supplier ¹⁵	SMRA	As per BSCP501.	Electronic or other agreed method.
3.4.2	Within 2 WD of 3.4.1.	Update record for Primary MSID.	SMRA		As per BSCP501.	Internal Process
3.4.3	Within 2 WD of 3.4.1.	Notify Secondary Supplier(s) of new MOA appointment.	Primary Supplier	Secondary Supplier(s)	As per Appendix 4.8	By post, fax or electronic media.
3.4.4	Within 2 WD of 3.4.3.	Update SMRS with new MOA details for pseudo Secondary MSID(s).	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.4.5	Within 2 WD of 3.4.4.	Update record for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal Process
3.4.6	At least 5 WD before Appointment Date.	Send appointment details of the new MOA and termination of old MOA for the Primary MSID.	Primary Supplier	New MOA, Old MOA, HHDC	As per BSCP502/BSCP514 and Appendices 4.1, 4.5 & 4.6	Electronic or other agreed method.

¹⁴ Each Supplier will allocate the appropriate half hourly MTC for each MSID (either actual Primary MSID or pseudo Secondary MSID(s)) that they are responsible for as defined in Market Domain Data.

¹⁵ Where a single Metering Equipment is measuring the Import and Export Energy, the Primary Supplier shall appoint the same MOA.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.7	Within 2 WD of 3.4.6.	Confirm details are complete and consistent. Resolve errors with Supplier.	New MOA, Old MOA, HHDC	Primary Supplier	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.4.8	At least 5 WD before Appointment Date.	Send appointment details of the new MOA and termination date for the Old MOA for the pseudo Secondary MSID(s).	Secondary Supplier(s)	New MOA, Old MOA, HHDC	As per BSCP502/BSCP514 and Appendices 4.1, 4.5 & 4.6	Electronic or other agreed method.
3.4.9	Within 2 WD of 3.4.8.	Confirm details are complete and consistent. Resolve errors with Supplier(s).	New MOA, Old MOA, HHDC	Secondary Supplier(s)	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.4.10	At least 5 WD before Appointment Termination Date.	Send appointment termination date for Primary MSID to old MOA.	Primary Supplier	Old MOA	As per BSCP514.	Electronic or other agreed method.
3.4.11	Within 2 WD of 3.4.10.	Confirm details are complete and consistent. Resolve errors with Supplier.	Old MOA	Primary Supplier	As per BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.4.12	At least 5 WD before Appointment Termination Date.	Send appointment termination date for pseudo Secondary MSID(s) to old MOA.	Secondary Supplier(s)	Old MOA	As per BSCP514.	Electronic or other agreed method.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.13	Within 2 WD of 3.4.12.	Confirm details are complete and consistent. Resolve errors with Suppliers.	Old MOA	Secondary Supplier(s)	As per BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.4.14	Before Appointment Termination Date.	Send MTD.	Old MOA	New MOA	As per BSCP514.	

3.5 Energise a Shared SVA Metering System^{16 17}

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.5.1	As required.	Agree:- 1. date supply is to be energised; 2. the initial Allocation Schedule; and 3. whether LDSO or MOA is to energise supply.	Primary Supplier	Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3.	By post, fax or electronic media.
3.5.2	At least 2 WD prior to planned energisation date.	Notify SMRA of planned energisation date for Primary MSID.	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.5.3	Within 2 WD of 3.5.2.	Update record for Primary MSID.	SMRA		As per BSCP501.	Internal Process
3.5.4	At least 2 WD prior to planned energisation date.	Notify SMRA of date of planned energisation date for Secondary pseudo MSID(s).	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.5.5	Within 2 WD of 3.5.4.	Update record for Secondary pseudo MSID(s).	SMRA		As per BSCP501.	Internal Process
3.5.6	At least 5 WD prior to energisation Date.	Send date for planned energisation for the Primary MSID to the LDSO or MOA and HHDC.	Primary Supplier	LDSO or MOA/HHDC	As per BSCP502 and BSCP514.	Electronic or other agreed method.

¹⁶ For a pseudo MSID, energisation will be a logical not a physical process.

¹⁷ Each Supplier will allocate the appropriate half hourly MTC for each MSID (either actual Primary MSID or pseudo Secondary MSID(s)) that they are responsible for as defined in Market Domain Data.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.5.7	At least 5 WD prior to energisation Date.	Send date for planned energisation for the Secondary pseudo MSID(s) to the LDSO or MOA and HHDC.	Secondary Supplier(s)	LDSO or MOA/HHDC	As per BSCP502 and BSCP514.	Electronic or other agreed method.
3.5.8	On energisation Day.	Carry out energisation and obtain reading for physical MS. Liaise with HHDC to collect HH data	MOA or LDSO	HHDC.		Electronic or other agreed method.
3.5.9	Within 2 WD of 3.5.8.	Send date of energisation for the MSID to Primary and Secondary Suppliers and HHDC. Confirm that: a) energisation is complete including energisation dates and (for a physical energisation) MS reading; and b) details for all MSIDs are complete and consistent. Resolve errors with Suppliers and notify MOA or LDSO.	LDSO or MOA	Primary & Secondary Suppliers, HHDC	As per BSCP502 and BSCP514.	Electronic or other agreed method.
3.5.10	Following energisation date.	Notify of actual energisation date (which may be different from planned energisation date).	Primary and Secondary Suppliers	SMRA, HHDC	As per BSCP501	Electronic or other agreed method.
3.5.11	Upon receiving actual Energisation date.	Update SMRA with actual energisation date.	SMRA		As per BSCP501	Internal Process

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.5.12	Within 2 WD of 3.5.10.	Confirm energisation details are complete and consistent. Resolve errors with Suppliers.	HHDC	Primary & Secondary Suppliers	As per BSCP502/BSCP514 and Appendices 4.4 & 4.6.	Electronic or other agreed method.
3.5.13	By Gate Closure.	Notify HHDC and Secondary Supplier(s) of the revised Allocation Schedule. (HHDC and Secondary Supplier(s) shall receive the revised Allocation Schedule by Gate Closure)	Primary Supplier	HHDC, Secondary Supplier(s)	Allocation Schedule to comply with Appendices 4.2 & 4.3.4	By fax or electronic media.
3.5.14	As soon as practicable after receipt.	Confirm that revised Allocation Schedule was received by Gate Closure.	HHDC	Primary Supplier, Secondary Supplier(s)		Email.

3.6 De-energise a Shared SVA Metering System¹⁸

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.1	As required.	Agree:- 1. date supply is to be de-energised; and 2. whether LDSO or MOA is to de-energise supply.	Primary Supplier	Secondary Supplier(s)	As per BSCP502 and BSCP514.	By post, fax or electronic media.
3.6.2	At least 2 WD prior to planned de-energisation date.	Notify SMRA of planned de-energisation date for Primary MSID.	Primary Supplier	SMRA	As per BSCP501.	Electronic or other agreed method.
3.6.3	Within 2 WD of 3.6.2.	Update record for Primary MSID.	SMRA		As per BSCP501.	Internal process
3.6.4	At least 2 WD prior to planned de-energisation date.	Notify SMRA of planned de-energisation date for pseudo Secondary MSID(s).	Secondary Supplier(s)	SMRA	As per BSCP501.	Electronic or other agreed method.
3.6.5	Within 2 WD of 3.6.4.	Update record for pseudo Secondary MSID(s).	SMRA		As per BSCP501.	Internal process.
3.6.6	At least 5 WD prior to de-energisation Date.	Send date for de-energisation for the Primary MSID to the HHDC and LDSO or MOA.	Primary Supplier	HHDC & LDSO or MOA	As per BSCP502/BSCP514and Appendices 4.5 & 4.6.	Electronic or other agreed method.

¹⁸ For a pseudo MSID, de-energisation will be a logical not a physical process.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.7	At least 5 WD prior to planned de-energisation Date.	Send date for planned de-energisation for the pseudo Secondary MSID(s) to the HHDC and LDSO or MOA.	Secondary Supplier(s)	HHDC & LDSO or MOA	As per BSCP502/BSCP514 and Appendices 4.5 & 4.6.	Electronic or other agreed method.
3.6.8	On de-energisation Day.	Carry out de-energisation and obtain reading for physical MS. Liaise with HHDC to collect HH data.	MOA or LDSO	HHDC		Electronic or other agreed method.
3.6.9	Within 2 WD of 3.6.8.	Send date of de-energisation for the MSID. Confirm that: a) de-energisation is complete including date and MS reading; and b) details for all MSIDs are complete and consistent. Resolve errors with Suppliers and notify LDSO or MOA.	LDSO or MOA	Primary and Secondary Suppliers, HHDC	As per BSCP502/BSCP514 and Appendices 4.5 & 4.6.	Electronic or other agreed method.
3.6.10	Following de-energisation date.	Notify of actual de-energisation date (which may be different from planned de-energisation date).	Primary and Secondary Suppliers.	SMRA, HHDC		Electronic or other agreed method.
3.6.11	Upon receiving actual De-energisation date.	Update SMRA with actual de-energisation date.	SMRA		As per BSCP501	Internal process

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.12	Within 2 WD of 3.6.6.	Confirm that details for all MSIDs are complete and consistent. Resolve errors with Suppliers.	HHDC	Suppliers	As per BSCP502/BSCP514 and Appendix 4.5.	Electronic, or other agreed method.

3.7 Physical Disconnection of a Shared SVA Metering System Following De-energisation¹⁹

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.1	As required.	Agree date that Shared SVA Metering System is to be disconnected.	Primary Supplier	Secondary Supplier(s)		By post, fax or electronic media.
3.7.2	At least 5 WD prior to disconnection Date.	Send date for the Primary MSID to be disconnected.	Primary Supplier	LDSO	As per BSCP502.	By post, fax or electronic media.
3.7.3	At least 5 WD prior to disconnection Date.	Send date for the Secondary pseudo MSID(s) to be disconnected.	Secondary Supplier(s)	LDSO	As per BSCP502.	By post, fax or electronic media.
3.7.4	By physical disconnection date.	Arrange for physical Shared SVA Metering System associated with the Primary and pseudo Secondary MSIDs to be disconnected, provided details are complete and consistent. Resolve errors with LDSO.	LDSO	SMRA, Suppliers	As per BSCP501.	Electronic, or other agreed method.
3.7.5	Within 1 WD of 3.7.4.	Record intended disconnection date for Primary and pseudo Secondary MSIDs.	SMRA		As per BSCP501.	Internal process.

¹⁹ For a pseudo MSID, disconnection will be a logical not a physical process.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.6	Within 5 WDs of actual disconnection	Update/confirm disconnection date for MSIDs.	LDSO	SMRA		By post, fax or electronic media.
3.7.7	At least 5 WD before Appointment Termination Date.	Send appointment termination date to MOA, HHDC & HHDA for Primary MSID.	Primary Supplier	MOA HHDC HHDA(s)	As per BSCP502/BSCP503/BSCP514 and Appendices 4.5 & 4.6.	Electronic or other agreed method.
3.7.8	Within 2 WD of 3.7.6.	Confirm details are complete and consistent. Resolve errors with Supplier.	MOA, HHDC, HHDA(s)	Primary Supplier	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.
3.7.9	At least 5 WD before Appointment Termination Date.	Send appointment termination date to MOA, HHDC & HHDA(s) for pseudo Secondary MSID(s).	Secondary Supplier(s)	MOA, HHDC, HHDA(s)	As per BSCP502/BSCP503/BSCP514 and Appendices 4.5 & 4.6.	Electronic or other agreed method.
3.7.10	Within 2 WD of 3.7.8.	Confirm details are complete and consistent. Resolve errors with Suppliers.	MOA, HHDC, HHDA(s)	Secondary Supplier(s)	As per BSCP502/BSCP503/BSCP514 and Appendix 4.6.	Electronic or other agreed method.

3.8 HHDC Collects and Sends Consumption Data

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.8.1	As agreed with Suppliers' schedule.	Collect and validate the metering data for the physical Shared SVA Metering System as per BSCP502. The Shared SVA Metering System data is split between the Primary MSID and the pseudo Secondary MSID(s) in accordance with the method specified in the Allocation Schedule	HHDC ²⁰		As per BSCP502 and Appendix 4.4. Utilise the Allocation Schedule. ²¹	Internal process.
3.8.2	As agreed with Suppliers' schedule.	Send validated metered data to relevant Suppliers, and HHDA and LDSO.	HHDC	Primary & Secondary HHDA's, Primary & Secondary Suppliers and LDSO	Appendix 4.4. D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix. D0275 Validated Half Hourly Advances.	Electronic or other agreed method.
3.8.3	As agreed with LDSO.	Send validated raw metered data to LDSO.	HHDC	LDSO	Validated raw meter data (based on D0010 Meter Reading and / or D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix, as agreed between the HHDC and the LDSO).	Email

²⁰ The HHDC shall record the total half hourly metered data values collected from the relevant SVA Metering Equipment in a separate file marked to identify the relevant SVA Metering Equipment and shall maintain records so as to identify the Metering Equipment with the relevant SVA MS Numbers.

²¹ On each occasion that the HHDC applies a valid Allocation Schedule in respect of the total half hourly metered data values from the relevant SVA Metering Equipment to provide an output file of data to the HHDA, it shall record a history identifying the output file reference, the Allocation Schedule and the metered data for the relevant day to which it was applied.

3.9 Determination of Measurement Class for Import Site

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.9.1	As agreed with Suppliers' schedule.	Primary and Secondary Suppliers agree Measurement Class based on the total consumption at the Site or alternatively select Measurement Class C for the Site ²² .	Primary Supplier.	Secondary Supplier(s).		Manual Process.
3.9.2	As agreed with Suppliers' schedule.	Send Measurement Class details.	Primary Supplier.	HHDC, SMRA.	D0289 Notification of MC/EAC/PC. D0055 Registration of Supplier to Specified Metering Point or D0205 Update Registration Details as appropriate.	Electronic or other agreed method.
3.9.3	As agreed with Suppliers' schedule.	Send Measurement Class details.	Secondary Supplier(s).	SMRA.	D0055 Registration of Supplier to Specified Metering Point or D0205 Update Registration Details as appropriate.	Electronic or other agreed method.

²² The same Measurement Class must be agreed for use at both the Primary and Secondary MSIDs.

4. Appendices

4.1 Start of Appointment Notification to HHDC

The HHDC will initially receive a notification of start of appointment from the Primary Supplier (for the Primary MSID and each pseudo Secondary MSID). Subsequently the HHDC will receive a change of appointment from each Secondary Supplier (for each associated pseudo secondary MSID).

The HHDC can only be appointed by one Primary Supplier at any one time and may additionally be appointed to one or more Secondary Suppliers at any one time.

The HHDC should check that the notification is received at least 5 WDs in advance of the appointment date to allow sufficient time for the HHDC to co-ordinate the resolution of any control issues which may arise.

The HHDC shall then check that the following information is included in the notification, in addition to the standard information included in notifications relating to the single Supplier arrangements:

1. the identity of the intended Secondary Supplier(s); and
2. the Allocation Schedule to be used.

In relation to the appointment of the HHDC to the Secondary Supplier(s), in addition to the standard information included in notifications the following information will be provided:

3. notifications relating to the Primary and pseudo Secondary MSID(s) have been received, and there are more than 5 WDs before the HHDC appointment start date;
4. the Primary MSID is notified as appointed to the Primary Supplier and the pseudo Secondary MSID(s) is/are notified as appointed to the Secondary Supplier(s);
5. Allocation Schedule has been received correctly and conform to the requirements in the relevant Appendix;
6. there is one and only one MOA and HHDC notified as appointed to all MSIDs for a Shared SVA Meter Arrangement; and
7. unless agreement of all the organisations involved has been provided, that no more than eight pseudo Secondary MSIDs participate in the Shared SVA Meter Arrangement.

If a HHDC receives notification of start of appointment to one or many pseudo Secondary MSIDs, but not to a Primary MSID, the HHDC should report the error to the appointing Supplier or Suppliers and BSCCo. If the HHDC does not receive notification of start of appointment from a Secondary Supplier, the HHDC will report this to the Primary Supplier.

4.2 Data Splitting Algorithm

Suppliers, via the Primary Supplier, are able to nominate to the HHDC use of one and only one of the four Methods for a given Settlement Period:

- Percentage Method;
- Capped Block Method;
- Fixed Block Method; or
- Multiple Fixed Block Method.

The agreed Method will be provided to the HHDC by the Primary Supplier in the Allocation Schedule. Any Allocation Schedule received from any other source will be rejected by the HHDC.

A maximum of two Suppliers can establish a Shared SVA Meter Arrangement for Percentage, Capped Block and Fixed Block Methods, whereas more than two Suppliers can establish a Shared SVA Meter Arrangement for a Multiple Fixed Block Method. Each of the Methods are detailed below:

4.2.1 Percentage Method

This Method allows two Suppliers, a Primary and Secondary Supplier to split Active Energy on a percentage basis. Percentage Method allocations are supplied by the Primary Supplier for both the Primary and pseudo Secondary MSIDs.

The Primary Supplier nominates an % amount and the Secondary Supplier is allocated the remainder.

Example:

Settlement Period	Active Energy	Primary Supplier Active Energy	Secondary Supplier Active Energy
13	%	100	30
	kWh	30	9
14	%	100	40
	kWh	20	8
15	%	100	20
	kWh	40	8

Where the Percentage Method is used, the potential exists for non-integer values of kWh to be allocated. Rounding rules will be applied to prevent non-integer values of energy being processed by Settlements. Where, after the HHDC has applied the percentage split to derive the Primary Supplier's allocation:

- the value has a non-integer component greater than 0.5 kWh, the value will be rounded up to the next integer value e.g. 4.6 kWh will be rounded up to 5 kWh;
- the value has a non-integer component less than 0.5 kWh, the value will be rounded down to the next integer value e.g. 4.4 kWh will be rounded down to 4 kWh;

- the value has a non-integer component equal to 0.5 kWh, the value will be rounded up to the next integer value when the Settlement Period is an odd number e.g. 4.5 kWh will be rounded up to 5 kWh in Settlement Periods 1, 3, 5 etc.; and
- the value has a non-integer component equal to 0.5 kWh, the value will be rounded down to the next integer value when the Settlement Period is an even number e.g. 4.5 kWh will be rounded down to 4 kWh in Settlement Periods 2, 4, 6 etc.

The value allocated to the Primary Supplier will be subtracted from the actual metered quantity and the balance allocated to the Secondary Supplier.

4.2.2 Capped Block Method

This Method allows two Suppliers, a Primary and Secondary Supplier to split Active Energy on a capped block basis. The Primary Supplier nominates an integer amount of kWh and the Secondary Supplier is allocated the balance. In circumstances where the Primary Supplier nominates an amount greater than the actual Active Import or Export Energy in a given Settlement Period zero kWh will be allocated to the Secondary Supplier and the Primary Supplier will be allocated the actual Active Import or Export Energy for that Settlement Period.

Example:

Settlement Period	Active Energy kWh	Primary Supplier Nominated kWh	Primary Supplier Actual Active Energy kWh	Secondary Supplier Actual Active Energy kWh
13	100	60	60	40
14	20	30	20	0
15	40	40	40	0
16	0	40	0	0

4.2.3 Fixed Block Method

This Method allows two Suppliers, a Primary and Secondary Supplier to split Active Energy with one Supplier (Fixed Supplier) nominating a fixed integer amount of kWh and the other Supplier (Variable Supplier) being allocated the variable amount. Either the Primary or Secondary Supplier can be nominated as taking the fixed or variable blocks. If Suppliers wish to change roles as either a Variable or Fixed Supplier a minimum of 5 WDs notice must be given to the HHDC.

The value allocated to the Fixed Supplier will be subtracted from the actual metered quantity and the balance allocated to the Variable Supplier.

Where the fixed amount of Active Import is greater than the actual Active Import Energy the balance will be recorded as virtual Active export Energy against the Variable Supplier. For the purposes of Settlement, the Consumption Component Class for the virtual Active export Energy will be recorded as Active Export Energy.

Where the fixed amount of Active Import is less than the actual Active Import Energy the balance will be recorded as a Active Import Energy against the Variable Supplier.

Where the fixed amount of Active Export is greater than the actual Active Export Energy the balance will be recorded as virtual Active import Energy against the Variable

Supplier. For the purposes of Settlement, the Consumption Component Class for the virtual Active import Energy will be recorded as Active Import Energy.

Where the fixed amount of Active Export is less than the actual Active Export Energy the balance will be recorded as a Active Export Energy against the Variable Supplier.

The Fixed Block Method Allocation Schedule will be deemed to be invalid if Import or Export of Active Energy allocated to the Fixed Supplier is greater than the Relevant Capacity²³.

Example:

In this example the Active Energy is Export, the same principle is applicable to Import.

Settlement Period	Actual Active Export Energy (kWh)	Fixed Supplier Nominated Active Export (kWh)	Fixed Supplier Active Export (kWh)	Variable Supplier ²⁴	
				Active Export (kWh)	Virtual Active import (kWh)
12	100	100	100	0	0
13	100	60	60	40	0
14	50	40	40	10	0
15	20	30	30	0	10
16	0	60	60	0	60

4.2.4 Multiple Fixed Block Method

This Method is an expansion of the Fixed Block Method and allows more than two Suppliers, a Primary and many Secondary Suppliers, to split Active Energy. The Active Energy is split into fixed integer blocks of kWhs to be taken by Fixed Suppliers and the variable element of energy is allocated to one Supplier, the Variable Supplier. If Suppliers wish to change roles as either a Variable or Fixed Supplier a minimum of 5 WDs notice must be given to the HHDC. However, in all applications of the Multiple Fixed Block Method there shall be only one Supplier nominated as the Variable Supplier.

Any Supplier in the Multiple Fixed Block Method can be nominated as the Primary Supplier and all the other Suppliers will be treated as Secondary Suppliers.

The value allocated to the Fixed Suppliers will be subtracted from the actual metered quantity and the balance allocated to the Variable Supplier.

Where the sum of the fixed amounts of Active Import is greater than the actual Active Import Energy the balance will be recorded as virtual Active export Energy against the Variable Supplier. For the purposes of Consumption Component Class, virtual Active export Energy will be recorded as Active Export Energy.

²³ Where Relevant Capacity is defined at Section K 2.2.5 (g) of the Code.

²⁴ Where the Variable Supplier is nominated as exporting or importing for a Settlement Period, then the HHDC will need to ensure that a value is present for either the export or the import MSID but not for both MSIDs. Where the Active Energy equals the Fixed Supplier's nominated value, a value of zero must be present for both the export and the import MSIDs.

Where the sum of the fixed amount of Active Import is less than the actual Active Import Energy the balance will be recorded as a Active Import Energy against the Variable Supplier.

Where the sum of the fixed amount of Active Export is greater than the actual Active Export Energy the balance will be recorded as virtual Active import Energy against the Variable Supplier. For the purposes of Consumption Component Class, virtual Active import Energy will be recorded as Active Import Energy.

Where the sum of the fixed amount of Active Export is less than the actual Active Export Energy the balance will be recorded as a Active Export Energy against the Variable Supplier.

The Multiple Fixed Block Method Allocation Schedule will be deemed to be invalid if Import or Export of Active Energy allocated to the Fixed Suppliers is greater than the Relevant Capacity²⁵.

Example:

In this example the Active Energy is Export and the group of Fixed Suppliers are identified as Fixed Supplier A, B, C, D and E.

Settlement Period	Active Energy kWh Export	Fixed Suppliers Active Export (kWh)					Variable Supplier ²⁴	
		A	B	C	D	E	Active Export (kWh)	Virtual Active import (kWh)
13	100	10	5	20	15	10	40	0
14	50	5	10	15	10	10	0	0
15	20	2	8	5	5	10	0	10
16	0	2	8	5	5	10	0	30

4.3 Rules for Allocation Schedules

4.3.1 Allocation Schedules for a Whole Settlement Day

The HHDC is required to use Allocation Schedules provided by the Primary Supplier to split the Active Import or Export Energy.

The HHDC will validate the Allocation Schedule using the following rules:

1. the Primary Supplier is the Party who has the authority of all the Parties involved to routinely provide Allocation Schedule details;
2. the initial Allocation Schedule shall endure until replaced by a revised valid Allocation Schedule. If the revised Allocation Schedule, following validation, is

²⁵ Where Relevant Capacity is defined at Section K 2.2.5 (g) of the Code.

invalid, then the initial Allocation Schedule will be used by the HHDC until a replacement valid Allocation Schedule is received except as described in Section 4.3.2;

3. each Allocation Schedule must apply to one or more Settlement Day, except in the special case as described in Section 4.3.2;
4. the Allocation Schedule must specify which data splitting method is to be used, i.e. Percentage Method, Capped Block Method, Fixed Block Method or Multiple Fixed Block Method;
5. Allocation Schedules must be uniquely identifiable for each Settlement Day, differentiating between versions where used;
6. If the Fixed Block or the Multiple Fixed Block Method is to be used, that the maximum output or consumption for the Plant or Apparatus is specified;
7. That no negative quantity is specified; and
8. If a Capped Block Method, Fixed Block Method or Multiple Fixed Block Method is specified, the blocks specified are integer values of kWhs of zero or greater.

The Allocation Schedules must apply to each Settlement Period in a Settlement Day.

Daily re-nomination of parameters in the Allocation Schedule is allowed but they must be finalised prior to Gate Closure for the required Settlement Day. Allocation Schedules may not be altered for Settlement Periods for which Gate Closure has passed. A log of such exceptions and reasons must be maintained.

In the event that an initial Allocation Schedule is not received by Gate Closure, the HHDC shall allocate 100% of the consumption for each Settlement Period for the appropriate Settlement Days to the Primary Supplier.

If the subsequent Allocation Schedule that relates to a whole Settlement Day is received from the Primary Supplier after Gate Closure, for the start of the Settlement Day to which it is related, then for Settlement Periods for which Gate Closure has passed the subsequent Allocation Schedule will not be used, and the existing one will be rolled forward and used for the Settlement Period(s) for which Gate Closure has already passed. Each Allocation Schedule must include the following details:

1. Primary MSID and associated Primary Supplier;
2. Pseudo Secondary MSID(s) and associated Secondary Supplier(s);
3. allocation type (Percentage, Capped Block, Fixed Block or Multiple Fixed Block Method);
4. Settlement Day(s); and
5. the Settlement Period volume parameters, set as a percentage of output, specified in whole percentage points, or a block(s) of kWh.

The HHDC shall maintain a copy of each valid Allocation Schedule that it receives in its system.

4.3.2 Allocation Schedules for Part of a Settlement Day

If the Primary Supplier chooses to send revised Allocation Schedules relating to part of a Settlement Day then the HHDC will accept the revised Allocation Schedule (subject to

the other validation rules in 4.3.1) providing Gate Closure has not been reached for the relevant Settlement Period (and subject to the constraints specified in 4.2.3 and 4.2.4).

4.4 Procedure for Splitting the Export or Import Active Energy Data Between Suppliers

All Allocation Schedules received from the Primary Supplier will be recorded.

The HHDC must process the Active Export Energy or the Active Import Energy meter reading data collected and allocate the output between the Suppliers using one of the Methods as outlined in the relevant Appendix and the authorised Allocation Schedule. In the absence of half hourly Active Energy data due to Metering Equipment faults, etc., or where the data fails the normal validation criteria (see BSCP502), the HHDC shall estimate the meter data in accordance with the validation rules found in BSCP502. The data validation processes shall be carried out on the original metered data collected for the physical MS prior to any splitting.

The HHDC is required to:

1. use the authorised Allocation Schedules received as the basis for the splitting process;
2. allocate for each Settlement Period the split Export or Import Active Energy meter data to the Primary and pseudo Secondary MSIDs;
3. ensure that in each Settlement Period the sum of the outputs (taking into account the Measurement Quantity) allocated to each Supplier is equal to the data recorded by the MS;
4. send each Supplier, and its appointed HHDA, the split meter data allocated to its MSID; and
5. send all Supplier MSID data allocations to the LDSO.

The HHDC must ensure that the output data splitting process is verifiable. This means that:

1. the original values input to the data splitting Method and the calculated output values are retained; and
2. an audit trail is maintained between the Export or Import meter data, the Allocation Schedule used, the data allocated to each Supplier MSID and the data sent to the LDSO, HHDA's and Suppliers.

4.5 Check Supplier Notifications of Registration Details

The HHDC is required to check the completeness, consistency and continuity of details of SMRS registration notifications provided to the HHDC by the Suppliers(s).

The following checks need to be carried out:

1. Registration notifications need to be received, within the required time period, for all MSIDs involved in data split instructions;
2. Registration notifications for each Supplier need to be consistent with each other, consistent with the HHDC's own historical records of previous notifications and consistent with the MTD received from the MOA; and

3. For the events of new connection, disconnection, energisation and de-energisation of the MTD, registration notifications for Primary and pseudo Secondary MSID(s) must be consistent.

Error reports should be sent to the appropriate Supplier(s) if discrepancies are found.

The HHDC is required to maintain audit records of the checks carried out and the results, including details of any errors reported to Suppliers.

4.6 Validation Rules to be Followed by HHDC

The validation to be undertaken by an HHDC shall be as follows:

1. an appointment shall be received from Suppliers relating to their respective MSIDs which refers to the same Physical Metering System as defined by the Meter Serial Number (or numbers where the Physical Metering System comprises more than one Meter);
2. one appointment shall state that the Supplier is the Primary Supplier and the other shall state that the other Supplier(s) are/is the Secondary Supplier(s);
3. all appointments shall name the same Meter Operator Agent;
4. all appointments shall be for the same date at least 5 WDs ahead. Where the date is not 5 WDs ahead it shall be set to 5 WDs ahead of the latest appointment;
5. the initial Allocation Schedule and associated maintenance rules shall be received from the Primary Supplier;
6. the Primary Supplier is the Party which is deemed to have the authority of all involved Parties to routinely provide Allocation Schedule details;
7. the MTD received from the Meter Operator Agent for each MSID refers to the same physical Metering System as defined by the meter serial number(s); and
8. the Meter and Pulse Multipliers for the pseudo Secondary MSID(s) are set to zero.

4.7 Missing or Invalid Period Data

The HHDC shall estimate the total half hourly metered data values, for any Shared SVA Meter Arrangement, in accordance with BSCP502. The HHDC shall record and utilise for estimation purposes those values provided by the Associated Primary Supplier or the SVAA, in accordance with BSCP502.

The HHDC shall provide an Estimated Data Report to the Associated Primary Supplier and LDSO. This report shall identify all SVA MSs for which meter period data has been estimated showing the dates and Settlement Periods affected and details of the estimation methods used.

The estimated total half hourly metered data value will be the value to which the valid Allocation Schedule will be applied.

4.8 Termination of Shared SVA Meter Arrangements

The HHDC shall cease to undertake its duties and functions in accordance with this BSCP:

1. where it is notified by the Associated Primary Supplier that the Shared SVA Meter Arrangement is terminated and once there is only a single Supplier appointed to the relevant SVA Metering Equipment; or
2. where it is notified by an Associated HHDA that the HHDC is no longer appointed in a SMRS in relation to either of the SVA MS Numbers which are used for the purposes of the valid Shared SVA Meter Arrangement.

Where this appendix has effect, the HHDC shall, as soon as is reasonably practicable, notify its Associated Suppliers and the relevant LDSO.