

## Balancing and Settlement Code

### BSC Procedure

## SVA METERING SYSTEM ~~BALANCING SERVICES~~ REGISTER

BSCP602

Version 1.2~~Version 1.0~~

Date: ~~28 February 2019~~ 1 April 2020

**BSCP602**  
**relating to the**  
**SVA Metering System ~~Balancing Services~~ Register**

1. Reference is made to the Balancing and Settlement Code and, in particular, to the definition of “BSC Procedure” in Section X, Annex X-1 thereof.
2. This is BSC Procedure 602, Version 1.2Version 1.0 relating to the SVA Metering System ~~Balancing Services~~ Register.
3. This BSC Procedure is effective from 1 April 202028 February 2019.
4. This BSC Procedure has been approved by the BSC Panel or its relevant delegated Panel Committee(s).

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Amendment Record

Version	Date	Description of Change	Changes Included	Mods/Panel/Committee Refs.
1.0	28 Feb 2019	February 2019 Release	P344	Panel 284C/01
<u>1.1</u>		<u>April 2020 Standalone Release</u>	<u>P354, P388</u>	

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## 1 Introduction

### 1.1 Purpose and Scope of the Procedure

The purpose of this Balancing and Settlement Code Procedure (BSCP) is to set out the processes that Suppliers, ~~and~~ Virtual Lead Parties (VLPs) and the NETSO should follow when submitting MSID Pair allocation(s) and, where appropriate, MSID Pair Delivered Volumes to the SVAA.

A MSID Pair allocation is the notification from the Lead Party (i.e. Supplier or ~~VLP~~ or the NETSO ~~of the BM Unit with which the of~~ MSID Pairs ~~is to be associated that may be used~~ for the purposes of providing Balancing Services<sup>1</sup>. ~~Where the MSID Pair allocation is notified by a Lead Party, all MSID Pairs must be notified as part of a BM Unit; however, where the MSID Pair allocation is notified by the NETSO, no association with a BM Unit will be required.~~

An 'MSID Pair' means one SVA HH Import Metering System and, where applicable, one SVA HH Export Metering System situated at a single Boundary Point. To clarify, an MSID Pair must contain an SVA HH Import Metering System but does not always have to ~~have to~~ contain an SVA HH Export Metering System.

This BSC Procedure focuses on the interfaces between Lead Parties or the NETSO and the Supplier Volume Allocation Agent (SVAA) seen from the perspective of the Lead Party or the NETSO.

The purpose of this procedure is:

- to ensure maintenance of an accurate, up-to-date SVA Metering System ~~Balancing Services~~ Register;
- to ensure the correct working of the SVAA internal processing for use in validating submissions of MSID Pair Allocations to the SVA Metering System ~~Balancing Services~~ Register;
- to ensure MSID Pair Delivered Volumes are determined in good faith, in accordance with Good Industry Practice and notified in a timely manner; and
- to ensure the correct working of the SVAA internal processing for use in validating MSID Pair Delivered Volumes.

### 1.2 Main Users of the Procedure

This BSC Procedure should be used by:

- Suppliers
- VLPs
- The NETSO
- SVAA

<sup>1</sup> Balancing Services in this instance refers to the Balancing Mechanism and Replacement Reserve

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

### 1.3 Use of Procedure

The remaining sections in this document are:

- Section 2 – Interface and Timetable Information: this section defines the step by step processes for the SVA Metering System ~~Balancing Services~~ Register.
- Section 3 – Appendices: this section contains supporting information.

### 1.4 Balancing and Settlement Code Provisions

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

### 1.5 Associated BSC Procedures

This BSC Procedure interfaces with:

BSCP503	Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS
BSCP507	Supplier Volume Allocation Standing Data Changes
BSCP508	Supplier Volume Allocation Agent
BSCP537	Qualification Process for SVA Parties, SVA Party Agents and CVA MOAs

### 1.6 Acronyms and Definitions

Any capitalised term that is not defined in this BSCP shall have the same meaning given to it as in the Code.

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

Acronym	Expression
BM	Balancing Mechanism
BSC	Balancing and Settlement Code (the “Code”)
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
BSP	Balancing Service Provider
CRA	Central Registration Agent
<del>ECOES</del>	<del>Electricity Central Online Enquiry Service</del>
EFSD	Effective From Settlement Date
ETSD	Effective To Settlement Date

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HHDA	Half Hourly Data Aggregator
kWh	Kilowatt-hour
MSID	Metering System Identifier
Ref	Reference
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
VAR	Volume Allocation Run
WD	Working Day

## 2. Interface and Timetable Information

### 2.1 MSID Pair Allocation Notification

Where a VLP has registered a Secondary BM Unit, or a Supplier intends to use an Additional Primary~~ly~~ BM Unit, for the purposes of providing Balancing Services<sup>2</sup>, the BM Unit must be specified in terms of the component MSID Pairs. Where the NETSO has contracts with non BM Applicable Balancing Services Providers, it must specify the MSID Pairs that may be used to provide those non BM Applicable Balancing Services.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.1.1	At least 5 WD before the EFSD of the MSID Pair	Send the MSID Pair Allocation	Lead Party, <u>NETSO</u>	SVAA	P0278 – MSID Pair Allocation	Self-Service Gateway or other method, as agreed.
2.1.2	As required upon receiving additional information	Send an amended MSID Pair Allocation <sup>3</sup>	Lead Party, <u>NETSO</u>	SVAA	P0278 – MSID Pair Allocation Appendix 3.2 – Amendments to MSID Pair Allocations	Self-Service Gateway, as agreed.
2.1.3	Within 1 WD of 2.1.1 or where appropriate within 1 WD of 2.1.2	Log and validate MSID Pair Allocation in accordance with Appendix 3.1 – MSID Pair Allocation File Validation	SVAA		Appendix 3.1 – MSID Pair Allocation File Validation	Internal Process
2.1.4	Within 1 WD of 2.1.1 or where appropriate within 1 WD of 2.1.2	If the file cannot be processed send notification.  Return to 2.1.1 if Lead Party wishes to provide revised notification.	SVAA	Lead Party, <u>NETSO</u>		Electronic or other method, as agreed.

<sup>2</sup> Balancing Services in this instance refers to the Balancing Mechanism and Replacement Reserve

<sup>3</sup> Where such amendments correct an identified error that impacts Settlement accuracy, the SVAA shall facilitate such amendments for Settlement Days prior to having undergone the R1 VAR Run



REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.1.5	Within 1 WD of 2.1.1 or where appropriate within 1 WD of 2.1.2	If MSID Pair Allocation is invalid, the <del>SVAA</del> shall send notification of the rejection to the Lead Party <u>or the NETSO</u> .  Return to 2.1.1 if Lead Party <u>or the NETSO</u> wishes to provide revised notification.	SVAA	Lead Party, <u>NETSO</u>	P0280 – Rejection of MSID Pair Allocation	Self-Service Gateway or other method, as agreed.
2.1.6	Within 1 WD of 2.1.1 or where appropriate within 1 WD of 2.1.2	If MSID Pair Allocation is valid, the SVAA shall store the MSID Pair in the SVA Metering System <del>Balancing Services</del> Register and send confirmation of acceptance	SVAA	Lead Party, <u>NETSO</u>	P0279 – Confirmation of MSID Pair Allocation	Self-Service Gateway or other method, as agreed.
<u>2.1.7</u>	<u>Immediately following 2.1.6</u>	<u>Where an MSID Pair is allocated to a Lead Party and to the NETSO at the same time the SVAA shall notify the NETSO of the dual allocation immediately.</u> <u>Note that this is allowed, and so the Lead Party will not lose the MSID Pair.</u>	<u>SVAA</u>	<u>NETSO</u>	<u>Import MSID and related Secondary BM Unit Id.</u>	<u>Email or other method, as agreed.</u>
2.1. <del>7</del>		If the MSID Pair was already allocated to a different Lead Party, the SVAA shall transfer the MSID Pair allocation from that Lead Party (the ‘Losing Lead Party’) to the new Lead Party (the ‘Gaining Lead Party’) in the SVA Metering System <del>Balancing Services</del> Register.	SVAA		Internal process	
2.1. <del>8</del>	Within 1 WD of 2.1. <del>7</del>	Upon allocation to the Gaining Lead Party the SVAA shall send a Loss of MSID Pair Allocation notification to the Losing Lead Party  If the Losing Lead Party disagrees with the Loss of MSID Pair Allocation they may initiate the Disputed MSID Pair Allocation Process (go to Section 2.3.1).	SVAA	Losing Lead Party	P0281 – Loss of MSID Pair Allocation	Self-Service Gateway or other method, as agreed.

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**2.2A MSID Pair Delivered Volume Notification by Virtual Lead Parties**

For each Settlement Day where a VLP has provided Balancing Services<sup>4</sup>, using a Secondary BM Unit, the VLP must notify the SVAA the MSID Pair Delivered Volume, for each MSID Pair allocated to that Secondary BM Unit, for each Settlement Period within that Settlement Day.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.2A.1	Within 1 WD of the provision of a Balancing Service	Submit the MSID Pair Delivered Volume for each MSID Pair used to delivered a Balancing Service	VLP	SVAA	P0282 – MSID Pair Delivered Volume Notification	Electronic or other method, as agreed.
2.2A.2	As required <sup>5</sup>	Re-submit MSID Pair Delivered Volume	VLP	SVAA	P0282 – MSID Pair Delivered Volume Notification	Electronic or other method, as agreed.
2.2A.3	Within 1 WD of 2.2A.1 or where appropriate within 1 WD of 2.2A.2	Log and validate MSID Pair Delivered Volume	SVAA		Appendix 3.5 – MSID Pair Delivered Volume File Validation	Electronic or other method, as agreed.
2.2A.4	Within 1 WD of 2.2A.1 or where appropriate within 1 WD of 2.2A.2	If the file cannot be processed send notification.  Return to 2.2A.1 if VLP wishes to provide revised MSID Pair Delivered Volume	SVAA	VLP	<u>Negative Acknowledgement</u>	Electronic or other method, as agreed.
2.2A.5	Within 1 WD of 2.2A.1 or where appropriate within 1 WD of 2.2A.2	If MSID Pair Delivered Volume fails validation send rejection.  Return to 2.2A.1 if VLP wishes to provide revised MSID Pair Delivered Volume	SVAA	VLP	P0283 – Rejection of MSID Pair Delivered Volume	Electronic or other method, as agreed.

<sup>4</sup> Balancing Services in this instance refers to the Balancing Mechanism, Replacement Reserve

<sup>5</sup> Upon receipt of revised Delivered Volume data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.2A.6	Within 1 WD of 2.2A.1 or where appropriate within 1 WD of 2.2A.2	If MSID Pair Delivered Volume passes validation send confirmation.	SVAA	VLP	P0284 – Confirmation of MSID Pair Delivered Volume	Electronic or other method, as agreed.
2.2A.7	As late as possible to meet the relevant VAR for the SD (to ensure most recent data from VLP) to meet the SVAA Calendar.	Perform checks in accordance with Appendix 3.6 and send exception reports	SVAA	VLP	Appendix 3.6 – MSID Pair Delivered Volume Allocation P0285 –MSID Pair Delivered Volume Exception Report	Electronic or other method, as agreed.

**2.2B MSID Pair Delivered Volume Notification by the NETSO**

For each Settlement Day, the NETSO shall notify to the SVAA the MSID Pair Delivered Volume for each MSID Pair that has been used to provide non BM Applicable Balancing Services for each Settlement Period within that Settlement Day.

<u>REF</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>2.2B.1</u>	<u>Within 45 WD of the provision of a non BM Applicable Balancing Service to the NETSO</u>	<u>Submit the ABS MSID Pair Delivered Volume for each MSID Pair used to deliver the Balancing Service</u>	<u>NETSO</u>	<u>SVAA</u>	<u>P0292 – ABS MSID Pair Delivered Volume Notification</u>	<u>Electronic or other method, as agreed.</u>
<u>2.2B.2</u>	<u>As required<sup>6</sup></u>	<u>Re-submit ABS MSID Pair Delivered Volume</u>	<u>NETSO</u>	<u>SVAA</u>	<u>P0292 – ABS MSID Pair Delivered Volume Notification</u>	<u>Electronic or other method, as agreed.</u>
<u>2.2B.3</u>	<u>Within 1 WD of 2.2B.1 or where appropriate within 1 WD of 2.2B.2</u>	<u>Log and validate ABS MSID Pair Delivered Volume</u>	<u>SVAA</u>		<u>Appendix 3.5 – ABS MSID Pair Delivered Volume File Validation</u>	<u>Electronic or other method, as agreed.</u>
<u>2.2B.4</u>	<u>Within 1 WD of 2.2B.1 or where appropriate within 1 WD of 2.2B.2</u>	<u>If the file cannot be processed send notification.</u>  <u>Return to 2.2B.1 if the NETSO wishes to provide revised ABS MSID Pair Delivered Volume</u>	<u>SVAA</u>	<u>NETSO</u>	<u>Negative Acknowledgement</u>	<u>Electronic or other method, as agreed.</u>
<u>2.2B.5</u>	<u>Within 1 WD of 2.2B.1 or where appropriate within 1 WD of 2.2B.2</u>	<u>If ABS MSID Pair Delivered Volume fails validation send rejection.</u>  <u>Return to 2.2B.1 if the NETSO wishes to provide revised MSID Pair Delivered Volume</u>	<u>SVAA</u>	<u>NETSO</u>	<u>P0293 – Rejection of ABS MSID Pair Delivered Volume</u>	<u>Electronic or other method, as agreed.</u>

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<sup>6</sup> Upon receipt of revised ABS MSID Pair Delivered Volume data

<u>REF</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>2.2B.6</u>	<u>Within 1 WD of 2.2B.1 or where appropriate within 1 WD of 2.2.2</u>	<u>If ABS MSID Pair Delivered Volume passes validation send confirmation.</u>	<u>SVAA</u>	<u>NETSO</u>	<u>P0294 – Confirmation of ABS MSID Pair Delivered Volume</u>	<u>Electronic or other method, as agreed.</u>
<u>2.2B.7</u>	<u>As late as possible to meet the relevant VAR for the SD (to ensure most recent data from the NETSO) to meet the SVAA Calendar.</u>	<u>Perform calculations in accordance with Appendix 3.6 and, where it has not been possible to allocate an ABS MSID Pair Delivered Volume to the MSIDs in that MSID Pair, send an exception report to the NETSO</u>	<u>SVAA</u>	<u>NETSO</u>	<u>Appendix 3.6 – ABS MSID Pair Delivered Volume Allocation</u> <u>P0295 – ABS MSID Pair Delivered Volume Exception Report</u>	<u>Electronic or other method, as agreed.</u>

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### 2.3 Disputed MSID Pair Allocation Resolution

Where a Lead Party has received a Loss of MSID Pair Allocation notification, and, after discussion with the customer, they believe it to be an erroneous reallocation, they may initiate the Disputed MSID Pair Allocation Procedure.

**Note** the Disputed MSID Pair Allocation process is anonymised and so the 'From' and 'To' columns are indicative only.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.3.1	Within 5 WD of receipt of a Loss of MSID Pair Allocation notification in 2.1.8	Initiate the Disputed MSID Pair Allocation Resolution Process in accordance with Section 3.3 of this document.	Losing Lead Party	Gaining Lead Party	P0286 – Disputed MSID Pair Allocation	Self-Service Gateway or other method, as agreed.
2.3.2	Within 5 WD of 2.3.1	Respond to Disputed MSID Pair Allocation notification	Gaining Lead Party	Losing Lead Party	P0286 – Disputed MSID Pair Allocation	Self-Service Gateway or other method, as agreed.
2.3.3		Once the initial request has been made one of the following options shall be taken a) The Gaining Lead Party agrees that the MSID Pair is to be allocated to the Losing Lead Party; or b) After appropriate investigation e.g. checking a valid contract is in place, the Gaining Lead Party disagrees with the Losing Lead Party				Internal Process
2.3.4	Same day as 2.3.3	If both parties agree to the resolution of the erroneous MSID Pair Allocation go to 2.3.6				
2.3.5	Following 2.3.3	If the Gaining Lead Party does not agree with the resolution in 2.3.3 and the Losing Lead Party wishes to re-raise the dispute, go to 2.3.1. See Appendix 3.3.6 for guidance.				

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.3.6	Within 1 WD of 2.3.4	Send a revised MSID Pair Allocation with agreed EFSD and ETSD	Gaining Lead Party	SVAA	P0278 – MSID Pair Allocation	Self-Service Gateway or other method, as agreed.
2.3.7	Within 1 WD of 2.3.4	Send new MSID Pair Allocation with agreed EFSD and ETSD	Losing Lead Party	SVAA	P0278 – MSID Pair Allocation	Self-Service Gateway or other method, as agreed.

### 3 Appendices

#### 3.1 MSID Pair Allocation File Validation

The SVAA will validate the MSID Pair Allocation data it receives prior to recording that data on the SVA Metering System ~~Balancing Services Register~~, as follows:

##### Validate Stage 1 – Schema Validation

The SVAA will validate the MSID Pair Allocation data from Suppliers / VLPs or the NETSO. The incoming data will be validated to ensure:

- Physical integrity; and
- That the data file contains all mandatory data items in the required formats in accordance with the SVA Data Catalogue

##### Validate Stage 2 – Business Logic Validation

The SVAA will validate the MSID Pair Allocation in accordance with the requirements in Section S. The MSID Pair Allocation will be validated to ensure that:

- it is from a valid Lead Party (i.e. a qualified Supplier or VLP) or the NETSO
- the BM Unit to be allocated is a valid BM Unit<sup>7</sup>
- the Lead Party sending the notification is the Lead Party of the specified BM Unit to have a MSID Pair allocated
- a MSID may not be allocated to more than one MSID Pair at any given time
- each MSID within the MSID Pair is located within the same GSP group associated with the BM Unit<sup>7</sup> to which they are to be allocated to; and
- the EFSD of the MSID Pair Allocation is at least 5 working Days ahead of the date of receipt of the MSID Pair \*

\* Note that retrospective amendments are allowed and are detailed in Appendix 3.2

##### Validate Stage 3 – Data Validation

The SVAA will further validate MSID Pair Notifications to be allocated to Secondary BM Units<sup>7</sup> against reference data held by the relevant SMRS and published on the Electricity Central Online Enquiry Service (ECOES). This validation will ensure that:

- each MSID is registered in the ECOES Database;
- each MSID is a MSID allocated to a Secondary BM Unit must be a SVA HH Metering System;

<sup>7</sup> This validation is not applicable where the NETSO has submitted the MSID Pair

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- each MSID notified by a Lead Party is allocated to a Secondary BM Unit;
- ~~a MSID allocated to a Secondary BM Unit must~~ each MSID is not be disconnected; and
- the ~~MSID~~-GSP Group for each MSID has been recorded correctly.

### 3.2 Amendments to MSID Pair Allocation

Where a Lead Party or the NETSO wishes to retrospectively correct a MSID Pair Allocation error; and, ~~that~~ where correction of the identified error ensures that the future accuracy of Settlement, the SVAA shall facilitate such amendments for Settlement Days prior to having undergone the R1 VAR Run.

To clarify, only existing MSID Pair Allocations qualify for a Retrospective MSID Pair Allocation ~~Error~~ error correction.

The obligation remains with the Lead Party or the NETSO to ensure, wherever possible, that accurate data is ~~entered into~~ submitted to the SVA Metering System ~~Balancing Services~~ Register for use in Settlement.

### 3.3 Disputed MSID Pair Allocation Resolution

Where a Lead Party has received a Loss of MSID Pair Allocation notification (a 'Losing Lead Party' and after discussion with the customer they believe it to be an erroneous notification, they may initiate the Disputed Allocation Procedure.

1. A Losing Lead Party may initiate the Disputed MSID Pair Allocation Resolution Process by sending the P0286 to the Gaining Lead Party.
2. The Gaining Lead Party shall use reasonable endeavours to respond to the Losing Lead Party within 5 Working Days of receipt of the P0286.

Once the initial request has been made one of the following options shall be taken:

- a) The Gaining Lead Party agrees that the MSID is to be allocated to the Losing Lead Party
- b) After appropriate investigation e.g. checking a valid contract is in place, the Gaining Lead Party disagrees with the Losing Lead Party

Where the Gaining Lead Party agrees with the Losing Lead Party:

3. The Gaining Lead Party shall update the SVA Metering System ~~Balancing Services~~ Register with a revised MSID Pair Allocation populated appropriately.
4. The Losing Lead Party shall send a new MSID Pair Allocation populated appropriately.

Where Lead Parties are not in agreement:

5. The Gaining Lead Party shall send the Losing Lead Party the P0286 indicating the Gaining Lead Party disagrees with the Losing Lead Party
6. The Losing Lead Party can restart process should they remain in the belief that the rejection is erroneous (please return to step 1)

Where the Gaining Lead Party has received three transfer requests for the same MSID from the same Losing Lead Party and all requests are believed to be validly rejected, and prior to sending the third rejection:

- a) They shall telephone the Customer to discuss the transfer and the reason for rejection,
- b) They shall come to a conclusion with the Customer as to whether the transfer request is valid or invalid.
- c) If valid, they shall amend the EFSD as requested and continue as per current process
- d) If invalid, they will follow the current process in sending the rejection flow along with comments 'validly rejected 3 times as agreed'.
- e) If a further transfer request is received, the request will be escalated to a Gaining Lead Party team manager who will endeavour to reach a resolution with the Customer.

### 3.4 MSID Pair Delivered Volume Notification

To ensure that MSID Pair Delivered Volumes and ABS MSID Pair Delivered Volumes are determined in good faith and in accordance with Good Industry Practice, ~~the~~ VLPs and the NETSO must be able to provide upon request:

1. Sufficient information to demonstrate how the MSID Pair Delivered Volumes or ABS MSID Pair Delivered Volumes for any MSID Pair were derived.
2. It shall be possible for the VLP or the NETSO to re-run any individual determination of Delivered Volumes to recreate the results exactly as originally calculated, as a historical report. This shall include the facility to exclude later versions of business data which were received after the process was originally run.
3. Should any Delivered Volume process or other report process generate informational, warning or error logs as part of its processing, these logs should be available for inspection.

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### 3.5 MSID Pair Delivered Volume File Validation

The SVAA will validate the MSID Pair Delivered Volume data it receives prior to allocating those volumes to the constitute MSIDs of the MSID Pair as follows:

#### Validate Stage 1 – Schema Validation

The SVAA will validate the aggregated MSID Pair Delivered Volume data from VLPs. The incoming data will be validated to ensure:

- Physical integrity
- That the data file contains all mandatory data items in the required formats in accordance with the SVA Data Catalogue

### Validate Stage 2 – Business Logic Validation

The SVAA will validate the MSID Pair Delivered Volume or ABS MSID Pair Delivered Volume in accordance with the requirements in Section S. The incoming data will be validated to ensure that:

- it is from a valid Lead Party (i.e. a qualified Supplier or VLP) or the NETSO
- the BM Unit specified is a valid BM Unit<sup>7</sup>
- the ~~Lead Party sending sender of~~ the notification is the Lead Party of the specified BM Unit ~~to have a for the relevant~~ MSID Pair ~~Allocated or the NETSO~~
- the MSID Pair Delivered Volume or ABS MSID Pair Delivered Volume is for a valid MSID Pair in the SVA Metering System ~~Balancing Services Register~~.

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### 3.6 ~~MSID Pair Delivered Volume Allocation~~ of MSID Pair Delivered Volumes and ABS MSID Pair Delivered Volumes

SVAA will use the disaggregated kWh MSID metered data provided by HHDAs (in accordance with BSCP503) to allocate the MSID Pair Delivered Volume<sup>8</sup> to the component MSIDs in that MSID Pair for each Settlement Period, creating the Metering System Delivered Volume (QVMD<sub>Kj</sub>).

The steps of this process are as follows:

1. For each MSID Pair, start by allocating the MSID Pair Delivered Volume<sup>8</sup> to the Export MSID for a positive value (or to the Import MSID for a negative value), subject to the constraint that the magnitude of the MSID Pair Delivered Volume that can be allocated is capped by the magnitude of the half hourly metered data.
2. Allocate any remaining MSID Pair Delivered Volume<sup>8a</sup> to the other MSID in the MSID Pair (i.e. the Import MSID for a positive value, or the Export MSID for a negative value).
3. In the special case of an MSID Pair that does not include an Export MSID this process, all of the MSID Pair Delivered Volume will be allocated to the Import MSID.

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<sup>8</sup> Or ABS MSID Pair Delivered Volumes, as appropriate

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4. If a MSID Pair Delivered Volume cannot be allocated in full to the component MSIDs using this process, the SVAA System will report an exception.
5. The SVAA operator will then report this exception to BSCCo and the Virtual Lead Party or NETSO, as an exception indicates that the MSID Delivered Volume is inconsistent with the Settlement MSID metered data (suggesting that the MSID Delivered Volume has been reported incorrectly).
6. If the review by the Virtual Lead Party or the NETSO review identifies that the exception was caused by the MSID Pair Delivered Volume being incorrect, the Virtual Lead Party or the NETSO will submit a corrected MSID Delivered Volume to the SVAA.