Balancing and Settlement Code

BSC Procedure

SVA METERING SYSTEM BALANCING SERVICES REGISTER

BSCP602

Version 1.0

Date: 28 February 2019

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 0.1 relating to the SVA Metering System Balancing Services Register.

3. This BSC Procedure is effective from 28 February 2019.

4. This BSC Procedure has been approved by the BSC Panel or its relevant delegated Panel Committee(s).

Amendment Record

Version	Date	Description of Change	Changes Included	Mods/Panel/Committee Refs.
1.0	28 Feb 2019	February 19 Release	P344	SVG

Contents

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) 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 Supplier / VLP of which BM Unit the MSID Pair is to be associated for the purposes of providing Balancing Services[1]. A 'MSID Pair' means one Import Metering System and, where applicable, one Export Metering System situated at a single Boundary Point. To clarify a MSID Pair must contain a SVA Import Metering System but does not always have to have to contain a SVA Export Metering System.

This BSC Procedure focuses on the interfaces between Suppliers / VLPs and the Supplier Volume Allocation Agent (SVAA) seen from the perspective of the Supplier / VLP

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

- SVAA

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

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[1] Balancing Services in this instance refers to the Balancing Mechanism, Replacement Reserve and Applicable Balancing Services as defined in the Balancing Services Volume Data Methodology Statement Part B: Applicable Balancing Services Volume Data 'ABSVD' For BM Participants

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
HHDA	Half Hourly Data Aggregator
kWh	Kilowatt-hour

MSID	Metering System Identifier
Ref	Reference
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
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 a (Primary) BM Unit, for the purposes of providing Balancing Services[2], the BM Unit must be specified in terms of the component MSID Pairs.

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	Supplier / VLP	SVAA	Paaaa – MSID Pair Allocation	Electronic or other method, as agreed.
2.1.2	As required upon receiving additional information	Send an amended MSID Pair Allocation[3]	Supplier / VLP	SVAA	Paaaa – MSID Pair Allocation Appendix 3.2 – Amendments to MSID Pair Allocations	Electronic or other method, as agreed.

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[2] Balancing Services in this instance refers to the Balancing Mechanism, Replacement Reserve and Applicable Balancing Services as defined in the Balancing Services Volume Data Methodology Statement Part B: Applicable Balancing Services Volume Data 'ABSVD' For BM Participants

[3] 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 Settlement Run

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
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 BSCP507	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.	SVAA	Supplier / VLP	P0035 – Invalid Data	Electronic or other method, as agreed.
		Return to 2.1.1 if VLP / Supplier wish to provide revised notification.				
2.1.5	Within 1 WD of 2.1.1 or where appropriate within 1 WD of 2.1.2	If MSID Pair Allocation valid send confirmation of acceptance of notification	SVAA	Supplier / VLP	Pbbbb – Confirmation of MSID Pair Allocation	Electronic or other method, as agreed.
2.1.6	Within 1 WD of 2.1.5	Upon loss of MSID Pair Allocation send notification to the previous Lead Party	SVAA	Supplier / VLP	Pdddd – Loss of MSID Pair Allocation	Electronic or other method, as agreed.
		Return to 2.1.1 if VLP / Supplier wish to provide revised notification.				

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.1.7	Within 1 WD of 2.1.1 or where appropriate within 1 WD of 2.1.2	If MSID Pair Allocation invalid send confirmation of rejection of notification	SVAA	Supplier / VLP	Pcccc – Rejection of MSID Pair Allocation	Electronic or other method, as agreed.
		Return to 2.1.1 if VLP / Supplier wish to provide revised notification.				
2.1.8	As required	In case of Disputed MSID Pair Allocation a Supplier / VLP may initiate the Disputed MSID Pair Allocation process	New Lead Party	Current Lead Party	Appendix 3.3 - Disputed MSID Pair Allocation	Electronic or other method, as agreed.

2.2 MSID Pair Delivered Volume Notification

For each Settlement Day where a VLP has provided Balancing Services[4], 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
2.2.1	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	Peeee – MSID Pair Delivered Volume Notification	Electronic or other method, as agreed.
2.2.2	As required[5]	Re-submit MSID Pair Delivered Volume	VLP	SVAA	Peeee – MSID Pair Delivered Volume Notification	Electronic or other method, as agreed.
2.2.3	Within 1 WD of 2.2.1 or where appropriate within 1 WD of 2.2.2	Log and validate MSID Pair Delivered Volume	SVAA		Appendix 3.5 – MSID Pair Delivered Volume File Validation	Electronic or other method, as agreed.

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[4] Balancing Services in this instance refers to the Balancing Mechanism, Replacement Reserve and Applicable Balancing Services as defined in the Balancing Services Volume Data Methodology Statement Part B: Applicable Balancing Services Volume Data 'ABSVD' For BM Participants

[5] Upon receipt of revised Delivered Volume data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.2.4	Within 1 WD of 2.2.1 or where appropriate within 1 WD of 2.2.2	If file cannot be processed send notification.	SVAA	VLP	P0035 – Invalid Data	Electronic or other method, as agreed.
		Return to 2.2.1 if VLP wishes to provide revised MSID Pair Delivered Volume				
2.2.5	Within 1 WD of 2.2.1 or where appropriate within 1 WD of 2.2.2	If MSID Pair Delivered Volume invalid send rejection.	SVAA	VLP	Pffff – Rejection of MSID Pair Delivered Volume	Electronic or other method, as agreed.
		Return to 2.2.1 if VLP wishes to provide revised MSID Pair Delivered Volume				
2.2.6	Within 1 WD of 2.2.1 or where appropriate within 1 WD of 2.2.2	If MSID Pair Delivered Volume valid send confirmation.	SVAA	VLP	Pgggg – Confirmation of MSID Pair Delivered Volume	Electronic or other method, as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.2.7	As late as possible to meet the relevant VAR for the SD (to ensure most recent data from VLP) to meet the SVAA Settlement Calendar.	Perform checks in accordance with Appendix 3.6 and send exception reports	SVAA	VLP	Appendix 3.6 – MSID Pair Delivered Volume Allocation Phhhh –MSID Pair Delivered Volume Exception Report	Electronic or other method, as agreed.

2.3 Disputed MSID Pair Allocation Resolution

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

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.3.1	Within [1] WD of receipt of a Loss of MSID Pair Allocation notification or Rejection of MSID Pair Delivered Volume notification	Initiate the Disputed MSID Pair Allocation Resolution Process	Old Lead Party	Current Lead Party	Pjjjj – Disputed MSID Pair Allocation	Electronic or other method, as agreed.
2.3.3	Within [8] WD of 2.3.1	Respond to Disputed MSID Pair Allocation notification	Current Lead Party	Old Lead Party	Pjjjj – Disputed MSID Pair Allocation	Electronic or other method, as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
		Once the initial request has been made one of the following options shall be taken: a) Both Parties agree that the MSID is to be allocated to the New Lead Party b) After appropriate investigation e.g. checking a valid contract is in place, the Current Lead Party disagrees with the New 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 Current Lead Party does not agree with the resolution in 2.3.3 and the Old Lead Party wishes to re-raise the dispute, go to 2.3.1. See Appendix 3.3.6 for guidance.				
2.3.6	Within [1] WD of 2.3.3	Delete the disputed MSID Pair Allocation and send a revised MSID Pair Allocation with agreed EFSD	New Lead Party	SVAA	Paaaa – MSID Pair Allocation	Electronic or other method, as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.3.7	Within [1] WD of 2.3.6	Send MSID Pair Allocation with agreed EFTD	New Lead Party	SVAA	Paaaa – MSID Pair Allocation	Electronic 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. 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 Party (i.e. a qualified Supplier or VLP)

- the BM Unit to be allocated is a valid BM Unit

- 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 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 – SMRS Data Validation

The SVAA will further validate MSID Pair Notifications to be allocated to Secondary BM Units against reference data held by the relevant SMRS. The incoming data will be validated to ensure that:

- a MSID allocated to a Secondary BM Unit must be a HH Metering System;

- a MSID allocated to a Secondary BM Unit must not be disconnected; and

- the MSID GSP Group has been recorded correctly.

3.2 Amendments to MSID Pair Allocation

Where a Supplier or VLP 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 Settlement Run.

To clarify only existing MSID Pair Allocations qualify for a Retrospective MSID Pair Allocation Error.

The obligation remains with the Supplier / VLP to ensure, wherever possible, that accurate data is entered into the SVA Metering System Balancing Services Register for use in Settlement.

3.3 Disputed MSID Pair Allocation Resolution

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

1. ALead Party may initiate the Disputed MSID Pair Allocation Resolution Process by sending the Pxxxx to the Current Lead Party.

2. The Current Lead Party shall use reasonable endeavours to respond to the Initial Request within 8 Working Days of receipt of the Pxxxx.

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

a) Both Parties agree that the MSID is to be allocated to the New Lead Party

b) After appropriate investigation e.g. checking a valid contract is in place, the Current Lead Party disagrees with the Old Lead Party

Where Lead Parties are in agreement:

3. Current Party shall update the SVA Metering System Balancing Services Register with a relevant EFSD

4. Old Lead Party shall send a revised MSID Pair Allocation populated appropriately.

Where Lead Parties are not in agreement

5. Current Lead Party shall send the Old Lead Party the <u>Pxxxx</u> indicating the Current Lead Party disagrees with the Old Lead Party

6. Old Lead Party can restart process should they remain in the belief that the rejection is erroneous (please return to step 1)

Where the Current Lead Party has received three transfer requests for the same MSID from the same 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 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 are determined in good faith and in accordance with Good Industry Practice a VLP must be able to provide upon request:

1. Sufficient information to demonstrate how the Delivered Volumes for any MSID Pair were derived.

2. It shall be possible for the VLP to re-run any individual determination of Delivered Volumes to recreate the results exactly as originally calculated, as a historic 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.

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 in accordance with the requirements in Section S. The incoming data will be validated to ensure that:

- it is from a valid Party (i.e. a qualified Supplier or VLP)

- the BM Unit specified is a valid BM Unit

- the Lead Party sending the notification is the Lead Party of the specified BM Unit to have a MSID Pair Allocated

- the MSID Pair Delivered Volume is for a valid MSID Pair in the SVA Metering System Balancing Services Register.

3.6 MSID Pair Delivered Volume Allocation

SVAA will use the disaggregated kWh metered data provided by HHDAs (in accordance with BSCP503) to allocate the MSID Pair Delivered Volume to the component MSIDs in that MSID Pair for each Settlement Period, creating the Metering System Delivered Volume ($QVMD_{Kj}$)

The steps of this process are as follows:

1. For each MSID Pair, start by allocating the MSID Pair Delivered Volume 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 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.

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, as an exception indicates that the MSID Delivered Volume is inconsistent with the Settlement metered data (suggesting that the MSID Delivered Volume has been reported incorrectly).

6. If the Virtual Lead Party review identifies that the exception was caused by the MSID Pair Delivered Volume being incorrect, the Virtual Lead Party will submit a corrected MSID Delivered Volume to the SVAA.