

Balancing and Settlement Code

BSC PROCEDURE

**NON-HALF HOURLY DATA COLLECTION FOR
SVA METERING SYSTEMS
REGISTERED IN SMRS**

VOLUME 6

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AMENDMENT RECORD

Version	Date	Description of Changes	CRs Included	Mods Panel Ref
D0.1	Code Effective Date	Re-Badged		
D0.2	Code Effective Date	Incorporate version D.01 review comments		
D0.3	Code Effective Date	Incorporate version D.02 review comments		
D.04	Code Effective Date	Comments embodied following CMC1273		
2.0	Code Effective Date	Approved for use by the Panel		
3.0	Code Effective Date	Version alignment changes from AP504 embodied.	NCR329	
4.0	27/03/01	Further changes embodied for NCR329.	NCR329	
<u>4.1</u>	<u>20/08/02</u>	<u>Incorporates changes for P63.</u>	<u>P63</u>	
<u>4.2</u>	<u>21/08/02</u>	<u>Peer review comments embodied.</u>		

1. Introduction

1.1 Scope and Purpose of the Procedure

This BSC Procedure defines the processes that the Non-Half Hourly Data Collector (NHHDC) shall use to carry out the collection and processing of meter data for Non-Half Hourly (NHH) SVA Metering Systems.

Trading shall be on the basis of SVA Metering Systems with each SVA Metering System being assigned a unique Metering System Identifier (MSID). Settlement of all NHH SVA Metering Systems shall be performed on the basis of profiled Annualised Advances (AAs) (excluding unmetered supplies) and Estimated Annual Consumptions (EACs).

Where there is to be a change in any NHH Supplier Agent (bulk change of agent) such that the number of SVA Metering Systems affected exceeds a threshold set by the BSC Panel, a bulk change of agent application will be submitted for approval in accordance with BSCP513. Following such approval and where the NHHDC is impacted, this BSC Procedure will be used to process the bulk change of agent.

There are two main areas of functionality :

(i) data retrieval and data processing.

The data retrieval process involves retrieving meter readings for NHH SVA Metering Systems and passing them on for use in data processing. The data processing involves validating meter readings which are used to derive meter advances.

The NHHDC shall be responsible for collecting the meter readings, either remotely or locally, of the MSID(s) for which it is assigned. The NHHDC shall inform the Public Distribution System Operator (PDSO) of the collection rota that it maintains. The NHHDC shall inform the Supplier, Meter Operator Agent (MOA) and PDSO of suspected faults found during the collection.

These meter advances are used to calculate AAs and EACs and are also stored for audit purposes. For each meter advance, values are calculated for each Settlement Register from the associated Meter Registers. In most cases, the Settlement Register shall take the advance of the corresponding Meter Register. The exception to this is where single phase meters are being used to measure a polyphase supply and registers on those meters have the same register periods; this can be treated as a single SVA Metering System (MS). All registers for concurrent periods shall be summed and treated as a single register for the polyphase supply. Another exception is a meter which has one or more switched registers which collectively are not

Measurement Class (CoMC) from Non-Half Hourly (NHH) to Half Hourly (HH) metering or vice versa. If there is a change of MC, there will be no transfer in responsibility or historic data from the old NHHDC to the new HHDC or vice versa.

On expiry or termination of the NHHDC's appointment, and upon request, the old NHHDC shall transfer sufficient data and other information to the new NHHDC to carry out its functions. The requirements for this are set out in Appendix 4.8 - Historical Data Requirements.

Controls shall exist to ensure that the data held by the NHHDC remains confidential. This means that access to the data should only be permitted for people whose job responsibilities include the operation or support of NHH data collection. The NHHDC will record all the information it collects or receives.

The NHHDC may only adjust meter readings considered to be in error, in the circumstances set out in Appendix 4.7 - Manual Adjustment of Meter Reading(s).

Where a single Metering Equipment (ME) is being utilised for the measurement of the Import Active Energy for more than one MSID at a site, the Supplier(s) shall ensure that the same MOA is appointed for all of the MSIDs involved to comply with the requirements of the Code. Similarly, where a common Outstation is being utilised for the Import Active Energy for more than MSID, the Supplier(s) shall ensure that the same NHHDC is appointed for all of MSIDs involved. These obligations shall be fulfilled by mutual agreement between the Suppliers involved.

1.3 Use of the Procedure

Throughout this procedure, timetables reflect the number of Working Days (WD) within which an activity should be completed within the Supplier Hub. However, if there is an interaction between the NHHDC and SVAA, then the number of days are specified in SDs.

In addition, the NHHDC collects, processes and sends consumption data to the NHHDA in kWh.

The NHHDC will be informed via BSCP513 of any Supplier's intention to initiate a bulk change of agent where the number of Metering Systems affected exceeds the threshold set by the Panel. The NHHDC will be required to confirm whether it can implement the proposed changes without adversely impacting other NHHDC activities. Any bulk change of agent must therefore be initiated via BSCP513 before triggering the processes in this BSC Procedure.

The remaining sections in this document are :

Section 2 - Workflow Diagrams: -this section shows the sequencing of the business processes of this BSC Procedure -at a high level. Each box within the business process in Section 2 has a cross reference to Section 3.

Section 3 - Interface and Timetable Information: this section defines the requirements of each business process, as displayed in Section 2. In addition, there may be references to 'D' (Data Transfer Catalogue) and 'P' (BSC SVA Data Catalogue) dataflows in the 'Information Required' column.

Section 4 - Appendix: this section contains supporting information.

The SVAA will be managing the Market Domain Data (MDD) in addition to performing the Supplier Volume Allocation (SVA) role, and therefore the SVAA is the Market Domain Data Manager (MDDM).

1.4 Balancing and Settlement Code Provision

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

1.5 Associated BSC Procedures

- BSCP01 Overview of Trading Arrangements
- BSCP11 Volume Allocation and Settlement Run Queries
- BSCP502 Half Hourly Data Collection for SVA Metering Systems Registered in SMRS
- BSCP505 Non-Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS
- BSCP508 Supplier Volume Allocation- Agent
- [BSCP513 Bulk Change of Non Half Hourly Supplier Agent](#)
- BSCP516 Allocation of Profiles and SSCs for Non-Half Hourly SVA Metering Systems Registered in SMRS
- BSCP520 Unmetered Supplies Registered in SMRS

1.6 Acronyms and Definitions

1.6.1 Acronyms

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

AA(s)	Annualised Advance(s)
BSC	Balancing and Settlement Code
BSCCo	Balancing and Settlement Code Company
CoMC	Change of Measurement Class

3.2.3 Change of NHHDC for an existing SVA Metering System not concurrent with a Change of Supplier¹⁸ (effective from 1 April 2000).

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.3.1	By 12WD prior to effective date of DC appointment.	Send notification of appointment.	Supplier.	New NHHDC.	D0155 Notification of New MOA or NHHDC Appointment and Terms.	Electronic or other method, as agreed.
3.2.3.2	By 7WD prior to effective date of DC appointment.	Send confirmation of appointment acceptance.	New NHHDC.	Supplier.	D0011 Agreement of Contractual Terms.	Electronic or other method, as agreed.
3.2.3.3	By 5WD prior to effective date of DC appointment.	Send associated Agent details.	Supplier ¹⁹ .	New NHHDC.	D0148 Notification of Change to Other Parties ²⁰ .	Electronic or other method, as agreed.
3.2.3.4	By 3WD prior to effective date of DC appointment.	Send notification of de-appointment.	Supplier.	Old NHHDC.	D0151 Termination of Appointment or Contract by Supplier.	Electronic or other method, as agreed.

¹⁸ Where a bulk change of agent is being initiated, BSCP513 must have been completed prior to triggering this process.

¹⁹ The Supplier will inform the MOA that the NHHDC has been appointed, via D0148 Notification of Change to Other Parties, and this notification will take place prior to step 3.2.3.4.

²⁰ The Supplier will include all previous relevant NHHDCs as well as the current NHHDC in this dataflow.

3.2.4 Change of MOA for an existing SVA Metering System¹⁸ (effective from 1 April 2000).

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.4.1		Send notification ²⁵ of new MOA to NHHDC.	Supplier.	NHHDC.	D0148 Notification of Change to Other Parties.	Electronic or other method, as agreed.

²⁵ The Supplier will notify all other parties that need to know of change of MOA.

3.2.5 Change of NHHDA for an existing SVA Metering System not concurrent with a Change of Supplier (effective from 1 April 2000)²⁶.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.5.1	Once NHHDA appointment effective in SMRS.	Send notification of new NHHDA to NHHDC.	Supplier.	NHHDC ²⁷ .	D0148 Notification of Change to Other Parties.	Electronic or other method, as agreed.
3.2.5.2	For Meter Advance Periods spanning the change of appointment date.	Retrieve and send AA/EAC values which span the change of appointment to NHHDA and Supplier. If problem with file not caused by NHHDA notify NHHDC. Generate a revised file and send or resend an exact copy of file.	NHHDC. New and Old NHHDA. NHHDC.	New and Old NHHDA, Supplier. NHHDC. New and Old NHHDA, Supplier.	D0019 Metering System EAC/AA Data. P0035 Invalid Data (for physical integrity problems) or D0023 Failed Instructions for instruction level problems. D0019 Metering System EAC/AA Data.	Electronic or other method, as agreed.

²⁶ The AA/EAC values that the NHHDC sends to the NHHDAs (old / new) will contain the AA/EAC values for the relevant periods referenced in 3.2.5.2, 3.2.5.3 and 3.2.5.4. The NHHDA however will only use those AA and / or EAC values which are relevant to their period of responsibility in SMRS.

²⁷ The relevant NHHDAs will include all the NHHDAs that were appointed during the NHHDCs period of responsibility.

4.8 Historical Data Requirements.

The historical data requirements described below are the minimum requirements for the old NHHDC during the following business events :

- a) Change of NHHDC within a Supplier's Period of Registration (including bulk change of NHHDC)

The old NHHDC will send the meter reading and associated AA/EAC history to the new NHHDC and this will include the data⁷⁹ back to and including the latest of any of the following events:

1. Supplier registration
2. change of SSC (change of Profile Class)
3. 15 months, unless no meter reading(s) of any type has been obtained within this period, in which case the last valid meter reading prior to the 15 months will apply
4. CoMC from HH to NHH
5. change of meter

If the new NHHDC identifies a discrepancy between the meter reading(s) and the associated AA/EAC history, the meter reading history will take precedence⁸⁰.

- b) Change of NHHDC Coincident with Change of Supplier

The old NHHDC will send the last valid meter reading, which was dated prior to the SSD and the associated EAC to the new NHHDC.

⁷⁹ If the old NHHDC is unable to validate meter reading(s) during the Change of Non Half Hourly Data Collector business event, the old NHHDC will identify that the meter reading(s) has not been validated in the appropriate dataflow.

⁸⁰ The meter reading history will take precedence because this relates to reading data that has undergone validation and is less likely to be inaccurate than the AA/EAC data because this is calculated data.