

Balancing and Settlement Code

BSC PROCEDURE

**BSCP711 – Appendix B:
Fixed PAM Calculation Guidelines**

Version 0.7

Date: DD MM YYYY

BSCP711 Appendix B Relating to Fixed PAM Calculation Guidelines

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 BSCP711 Appendix B, Version 0.7 relating to Fixed PAM Data Provision.
3. This BSC Procedure is effective from DD MM YYYY.
4. This BSC Procedure has been approved by the Panel.

Intellectual Property Rights, Copyright and Disclaimer

The copyright and other intellectual property rights in this document are vested in Elexon or appear with the consent of the copyright owner. These materials are made available for you for the purposes of your participation in the electricity industry. If you have an interest in the electricity industry, you may view, download, copy, distribute, modify, transmit, publish, sell or create derivative works (in whatever format) from this document or in other cases use for personal academic or other non-commercial purposes. All copyright and other proprietary notices contained in the document must be retained on any copy you make.

All other rights of the copyright owner not expressly dealt with above are reserved.

No representation, warranty or guarantee is made that the information in this document is accurate or complete. While care is taken in the collection and provision of this information, Elexon Limited shall not be liable for any errors, omissions, misstatements or mistakes in any information or damages resulting from the use of this information or action taken in reliance on it.

AMENDMENT RECORD

Version	Date	Description of Changes	Changes Included	Mods/ Panel/ Committee Refs
0.3	19/02/2024	Following Mop Up 2 consultation	Market-wide Half-Hourly Settlement	
0.6	21/06/2024	Consistency Check	Market-wide Half-Hourly Settlement	
1.0		Approved by the MHHSP on XX/XX/XX		

CONTENTS

1.	INTRODUCTION.....	<u>46</u>
1.1	Purpose.....	<u>46</u>
1.2	Fixed PAM Data.....	<u>56</u>
1.2.1	Fixed PAM Data: General Description.....	<u>56</u>
2.	NOTES ON SUBMISSIONS.....	<u>56</u>
2.1	Classification of Serials.....	<u>56</u>
2.2	PAM Reporting.....	<u>56</u>
2.3	Data Validation.....	<u>57</u>
2.4	Supplier Validation.....	<u>57</u>
2.5	Use of Null.....	<u>67</u>
2.6	Resubmissions.....	<u>67</u>
2.7	Receipt and Sent dates.....	<u>67</u>
3	Fixed PAM SERIALS.....	<u>68</u>
3.1	CDCA Reports.....	<u>68</u>
3.1.1	CM01 - CVA MOA Proving Tests.....	<u>68</u>
3.1.2	CM02 - CVA MOA Fault Resolution.....	<u>78</u>
3.2	SVAA Reports.....	<u>78</u>
3.2.1	SP07 – SVAA MSID Count – SVAA File.....	<u>78</u>
3.2.2	SP08 – Energy and MSIDs on Actuals.....	<u>79</u>
3.2.3	TA01 – GSP Group Correction Factor.....	<u>79</u>
3.2.4	TA02 – Annual Demand Ratio.....	<u>89</u>
	ANNEX A - LIST OF FIXED PAM SERIALS.....	<u>910</u>

Related Documents

Reference 1	PAM User Requirements Specification
Reference 2	BSC Procedure: BSCP711 – Performance Assurance Monitoring Data Provision, Reporting and Publication of Peer Comparison Data
Reference 3	BSC Procedure: BSCP711 Appendix A – Fixed PAM Data Provider File Formats Data Provisions

1. INTRODUCTION

1.1 Purpose

The purpose of this document is to specify the calculation guidelines associated with the information outlined in BSCP711 relating to Fixed Performance Assurance Monitoring (PAM) to be submitted to the PAM system which monitors market participants' performance. This is intended to provide guidance for Data Providers (, the SVAA, or the CDCA) to assist them in the development of their systems.

1.2 Fixed PAM Data

1.2.1 Fixed PAM Data: General Description

Fixed PAM data consists of data pertaining to the performance of specified market participants and is provided via a ~~pre-determined~~ series of ~~files-datasets~~ by agreed Data Providers. This data is specified in BSCP711 PAM Data Provision, Reporting and Publication of Peer Comparison Data. The data will be loaded automatically (unless specified otherwise) into the PAM database using the corresponding PAM system validation process.

2. NOTES ON SUBMISSIONS

A full list of Fixed PAM Serials is included in Annex A of this document denoting who is responsible for reporting each Serial.

2.1 Classification of Serials

The Serials measure performance on three levels, these are:

- Trading Arrangements
- CVA Metering System
- Suppliers

Each Serial is denoted by a two letter prefix followed by a two digit number. The two letter prefixes are as follows:

- TA = Trading Arrangement
- CM = CVA Metering System
- SP = Supplier

2.2 PAM Reporting

Unless otherwise agreed by the [Performance Assurance Administrator \(PAA\)](#) and the Data Providers, all Fixed PAM Serials must be reporting on the current reporting period (t). A reporting period equates to a calendar month. For example, the November 2010 reporting period equates to 1 November 2010 to 30 November 2010.

2.3 Data Validation

The ~~s~~ Fixed PAM System will verify that ~~the-any~~ files submitted meet the physical formats required (as defined in BSCP711 Appendix A). Invalid data (due to incorrect fields) will result in the data file being rejected by the PAM system and a log recorded of the invalid data

2.4 Supplier Validation

Each Supplier will have +5 WD from the date of receipt of performance data within which to validate the information. The PAM System will send a copy of any data

relating to a Supplier's performance aggregated to Peer Comparison reporting levels that is not submitted by the Supplier, this includes SVAA data.

2.5 Use of Null

Where a Data Provider is submitting a null return the entry in the submission must follow the format as defined in BSCP711 Appendix A.

2.6 Resubmissions

Data may be resubmitted to correct a submission, for example after a request to do so by a Supplier who has discovered the information to be incorrect. **If it is necessary to resubmit data then the Data Provider must make a full resubmission of the Serial(s) that have been changed** in accordance with the file formats specified in BSCP711 Appendix A.

2.7 Receipt and Sent dates

The document refers to a number of start and end events that are associated with the receipt and sending of data flows. In accordance with the approach taken in Party Service Line 100 'Generic Non Functional Requirements for Licensed Distribution System Operators ~~or Party Service Line 200~~ for MHHS migrated MHHS and Party Agents' and the relevant BSCPs, wherever the Data Transfer Network is used for transfer then the receipt/send boundaries are measured using the date/timestamp that is inserted at the gateway.

3 Fixed PAM SERIALS

This section is organised according to who provides the data for the Fixed PAM Serial (Data Provider).

3.1 CDCA Reports

3.1.1 CM01 - CVA MOA Proving Tests

All Proving tests should be carried out successfully eight (8) WD prior to the EFD for the Metering System. The CDCA will send a report detailing the following information:

Standard 1 – Count of Metering Systems where proving test was required

Standard 2 – Average number of WDs proving test is outstanding after EFD

Standard 3 – Count of proving tests outstanding after EFD

3.1.2 CM02 - CVA MOA Fault Resolution

This Serial measures the timeliness of rectification of Meter faults. The CDCA will send a report detailing the following information:

Standard 1 – Count of Metering Systems where faults have been notified

Standard 2 - Count of faults that have been notified

Standard 3 – Average number of WDs that faults are outstanding

Standard 4 – Average number of WDs to resolve faults

3.2 SVAA Reports

3.2.1 SP07A – Supplier MSID Count – SVAA File

The SVAA will provide data enabling a monthly report detailing for each Supplier the number of Metering Systems (MSIDs) for each Data Service by GSP Group, Settlement date and Settlement type to be produced by the PAM system.

SP07B – SMRA MSID Count – SVAA File

The SVAA will provide data enabling a monthly report detailing for each Supplier the number of MSIDs for each Supplier Meter Registration Agent (SMRA) by GSP Group, Settlement date and Settlement type to be produced by the PAM system.

3.2.2 SP08 – Energy and MSIDs on ~~Actuals~~Accurate data

The SVAA will provide data enabling a report detailing the performance, , of each Supplier, where applicable, for each Settlement Date, for each Settlement Run type, for each GSP Group, for each CCC ID grouping set out in BSCP710 to be produced by the PAM system.

. The Serial will contain details of:

- The percentage energy settled on each CCC ID grouping
- The percentage of Metering Systems settled on each CCC ID grouping
- The total energy attributable to that Supplier
- The total Metering Systems attributable to that Supplier

3.2.3 TA01 – GSP Group Correction Factor

The SVAA will provide a monthly file detailing the number of Group correction factor queries raised during the reporting period.

3.2.4 TA02 – Annual Demand Ratio

The SVAA will provide data enabling a monthly report detailing the annual demand ratio value for each reporting period to be produced by the PAM system.

ANNEX A - LIST OF FIXED PAM SERIALS

Type	Serial	Title	Measurement On	Data Provider(s)	<u>Peer Comparison Reporting Levels</u>	Supplier Validation Required
Trading Arrangements	TA01	GSP Group Correction Factor	Trading Arrangements	SVAA	GSP Group	No
Trading Arrangements	TA02	Annual Demand Ratio (ADR)	Trading Arrangements	SVAA	GSP Group	No
Agent	CM01	CVA MOA Proving Tests	CVA MOA	CDCA	National by CVA MOA	No
Agent	CM02	CVA MOA Fault Resolution	CVA MOA	CDCA	National by CVA MOA	No
Supplier	SP02	Delivery of Routine Performance Logs	Supplier	PAM System	Supplier by GSP Group	No
Supplier	SP07	Supplier & SMRA MSID Count	Supplier	SVAA	Supplier, Data Service, SMRA, GSP Group, Run Type	No
Supplier	SP08	Energy and MSID on <u>Actuals Accurate data</u>	Supplier	SVAA	Supplier, GSP Group, Run Type, <u>Aggregated CCC IDs, Market Segment, Data Service</u>	Yes