Balancing and Settlement Code

BSC PROCEDURE

PERFORMANCE ASSURANCE MONITORING DATA PROVISION, REPORTING AND PUBLICATION OF PEER COMPARISON DATA

BSCP711

Version 0.30.4

Date: 1 April 2025 DD MM YYYY

BSCP711 relating to PAM Data Provision, Reporting and Publication of Peer Comparison Data

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, Version ~~0.3~~0.4 relating to Performance Assurance Monitoring (PAM) Data Provision, Reporting and Publication of Peer Comparison Data.

3.   This BSC Procedure is effective from ~~1 April 2025~~. DD MM YYYY

4.   This BSC Procedure has been approved by the Panel.

AMENDMENT RECORD

Version	Date	Description of Changes	Changes Included	Mods/ Panel/ Committee Refs
1.0		Approved by the MHHSP on XX/XX/XX		

CONTENTS

1.   Introduction

1.1   Scope and Purpose of the Procedure

This BSC Procedure applies to the Metering Systems migrated onto the Market Wide Half Hourly system and arrangements, for non-migrated Metering Systems please refer to BSCP533.

This BSC Procedure covers the provision of Output Data and Market Indicator Data to the Performance Assurance Monitoring (PAM) technique or the Performance Assurance Administrator (PAA). The data will be utilised within the following Performance Assurance Techniques (PATs):

- Technical Assurance

- Removal of Qualification

- Monitoring and Reporting

- Peer Comparison (public and non-public)

- Supplier Charges

- Error and Failure Resolution

The procedure will also cover the following techniques that are associated with the PAM Service:

(i)   Monitoring and Reporting; and

(ii)   Peer Comparison (public and non-public)

The Peer Comparison technique may use data other than PAM Service data.

The process will not cover internal activities carried out by the Performance Assurance Administrator.

All Fixed PAM queries should be raised to the PAA via the BSC Service Desk (email: bscservicedesk@cgi.com; telephone: 0370 010 6950).

1.2   Risk Based Performance Assurance Framework

Performance Assurance Techniques (PAT) will be applied to a Performance Assurance Party (PAP) based on the net significance of the applicable Settlement Risk and an assessment of the PAP's contribution to the Settlement Risk. Those PATs that are mandated under the BSC will continue to be applied, regardless of the net significance of the applicable Settlement Risk.

Settlement Risks and their net significance are captured on the Risk Evaluation Register (RER). All the Settlement Risks identified are rated in terms of severity of impact and probability (including a weighting for the strength of controls).

The Settlement Risks are assigned PATs to mitigate those risks and these PATs are recorded in the Risk Operating Plan (ROP) against each Settlement Risk.

The RER and the ROP are produced for a Performance Assurance Operating Period in accordance with the Annual Performance Assurance Timetable and the agreed Risk Evaluation Methodology (REM), which details the processes used to identify and evaluate the Settlement Risks and assess their materiality.

At the end of a Performance Assurance Operating Period, the Performance Assurance Board (PAB) will prepare an Annual Performance Assurance Report for the Panel detailing the assurance that has been provided during the course of the period, the extent to which Settlement Risks have been mitigated, and BSCCo costs of providing that assurance.

1.3   Main Users of the Procedure and their Responsibilities

This procedure will be used by authorised staff from Suppliers, Supplier Agents[1], and BSC Agents. BSCCo will use this procedure for the provision of Market Indicator and standing data to the PAA. The procedure also provides an interface where specified to data providers and to the BSC Panel and PAB (which will receive reports via this procedure).

The procedure will be used by the PAA for the collation and validation of data.

The procedure will also be used by the PAB and the BSC Panel for the publication of new sets of data under the Peer Comparison technique that are not associated with the PAM Service.

Throughout this procedure timescales are referred to in relation to the number of Working Days (WD), unless specifically stated otherwise. Where this procedure requires a communication to be issued on a given working day, users are asked to note the provisions for deemed receipt of post, fax and email set out in Section H of the BSC. When using email, users are advised to send the communication by 1600 hours in order to ensure its delivery by 1700 hours.

1.4   Use of the Procedure

The procedure provides details of the manner in which data should be provided to PAM technique, the BSC Service Desk or the PAA, the process for querying the data and the manner in which Ad hoc Data and Drill Down Data can be obtained.

1.5   Balancing and Settlement Code Provision

This BSC Procedure has been produced in accordance with the provisions of the Balancing and Settlement Code, in particular Section S-1, Section J and Section Z. In the event of an inconsistency between the provisions of this BSC Procedure and the Code, the provisions of the Code shall prevail.

1.6   Associated Documents

This BSC Procedure interfaces with:

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[1] SVA MOAs will be subject to the requirements of this PAM URS for the period of the "SVA MOA Performance Assurance Transition Period" detailed in Section Z 5.1.1A – 5.1.1C

BSCP533	PARMS Data Provision, Reporting And Publication Of Peer Comparison Data
BSCP535	Technical Assurance of Suppliers and Supplier Agents
BSCP536	Supplier Charges
BSCP537	Qualification Process for SVA Parties, SVA Party Agents and CVA MOAs
BSCP538	Error and Failure Resolution
BSCP710	Supplier Charges for MHHS Metering Systems
	SVA Data Catalogue
	CVA Data Catalogue

1.7   Assistance with using the Procedure

All queries about the use of this BSC Procedure should be made in the first instance to the PAA.

1.8   Acronyms and Definitions

1.8.1   Acronyms

BSC	Balancing and Settlement Code (the Code)
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
CDCA	Central Data Collection Agent
CVA MOA	Central Volume Allocation Meter Operator Agent
DS(s)	Data Service(s)
EFD	Effective From Date
GSP	Grid Supply Point
HH	Half Hourly
ADS	Advanced Data Service
Id	Identifier
LDSO	Licensed Distribution System Operator
ISD	Industry Standing Data
MTD	Meters Technical Details
MS	Metering System
MSID(s)	Metering System Identifier(s)
SDS	Smart Data Service

PAA	Performance Assurance Administrator
PAB	Performance Assurance Board
PAM	Performance Assurance Monitoring
R1	First Reconciliation
R2	Second Reconciliation
R3	Third Reconciliation
RF	Final Reconciliation
ROP	Risk Operating Plan
SF	First Settlement
SMRA	Supplier Meter Registration Agent
SSD	Supplier Start Date
SSR	Supplier Settlement and Reconciliation
SVAA	Supplier Volume Allocation Agent
TA	Technical Assurance
TFF	text file format
WD	Working Day

1.8.2   Definitions

Performance Monitoring Report: is a report, in respect of performance against the Serial specified within the calculation guidelines, as being part of the suite of Serial that contribute to the Performance Monitoring Report.

Performance Monitoring Log: will contain the Drill Down or Ad-hoc Data requested of Suppliers by the PAA, in agreed format and timescales.

Drill Down Data: is the data that is required such that:

(a)   a calculation, the output of which is included within the Supplier's Performance Monitoring Report, can be re-performed; and

(b)   the context and variability of a measure that is included within the Supplier's Monthly Performance Report can be established.

Drill down data requests can be made within 3 months of receipt of validated reports.

Ad-hoc Data: Any additional Performance data which can be requested only by a specific PAB mandate. It is assumed that such data will not be required on a regular basis.

Annual PAM Report Requirements: is a living document outlining the reports that will be utilised by the BSCCo for Performance Assurance Monitoring purposes subject

to PAB approval as outlined in the Annual PAM Data Provision - Interface and Timetable Information.

Annual PAM Report Requirements Review: is a review of the Annual PAM Report Requirements outlining reports and/or existing report changes that Data Providers must provide feedback on in the lead up to the Annual PAM Report Requirements PAB approval as outlined in the Annual PAM Data Provision - Interface and Timetable Information.

Fixed PAM: For the purposes of this BSCP and its Appendices, Fixed PAM refers to the Data Provisions outlined in the Fixed PAM Data Provision - Interface and Timetable Information, Appendix A: Fixed PAM Data Provider File Formats and Appendix B: Fixed PAM Calculation Guidelines.

Late Data: If data is not received by its due date, as stated within the calendar published by the PAA (see Appendix 5.6), it will be defined as late.

Output Data: is the performance data supplied, as referred to in paragraphs 5.2 to 5.3 by the Data Providers for input into the PAM ~~I.T.~~ system.

Market Indicator Data: is data supplied as referred to in paragraph 5.5.

Data Provider: is a party responsible for providing data directly into PAM System. Data Providers for Fixed PAM Serials are the CDCA, SVAA and the PAA. Data Providers for Annual PAM Report Requirements are outlined in the Risk Operating Plan.

Timing of activities: For the purposes of this BSCP and its Appendices +(x) WD means a number of WD exclusive of and following the day on which the start event occurs. -(x) WD means a number of WD exclusive of and prior to the day on which the start event occurs.

PAM: Throughout this procedure PAM refers to the PAM technique and PAA refers to the activities carried out by BSCCo in accordance with Section Z of the BSC.

PAM System: Throughout this procedure the PAM System refers to the ~~PAM IT system.~~system(s) utilised to deliver the PAM requirements and processes outlined within the BSCP.

Service Level: The level of performance should be achieved against each Serial and Standard as stated in the Calculation Guidelines (refer to Appendix B Fixed PAM Calculation Guidelines)

2   Annual PAM Data Provision - Interface and Timetable Information

2.1   Determination of Annual PAM Report Requirements

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
2.1.1	Following ROP approval[2] by PAB or by request of PAB	Review Annual PAM Report Requirements	BSCCo		ROP Annual PAM Report Requirements	
2.1.2	Following 2.1.1 review of Annual PAM Report Requirements	Request feedback on Annual PAM Report Requirements Review	BSCCo	Data Provider	Form F711~~XXX~~/08 Annual PAM Report Requirements Review	Email or other agreed method
2.1.3	Within 10 WD of receipt of form F~~XXX~~711/08	Provide feedback[3] on Annual PAM Report Requirements Review	Data Provider	BSCCo	Form ~~FXXX~~F711/09 Annual PAM Report Requirements Review	Email or other agreed method
2.1.4	If Data Provider does not return Form F~~XXX~~711/09 within 2.1.3 timescales	Send reminder of outstanding Form F~~XXX~~711/08[4]	BSCCo	Data Provider	Form F~~XXX~~711/08	Email or other agreed method

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[2] Excluding a ROP Within Period Revision

[3] Should the Data Provider have no feedback, the Data Provider is still required to return form F711~~XXX~~/09.

[4] Failure of Data Provider to return form F711~~XXX~~/09 after 5 WD of 2.1.4 will be considered evidence that Data Provider has no comments

2.1.5	Following 2.1.3 BSSCo receipt of F~~XXX~~711/09 form	Review Annual PAM Report Requirements against Data Provider feedback	BSCCo		Form F~~XXX~~711/09	
2.1.6	Within 2 PAB meetings following 2.1.2, sending of F~~XXX~~711/08	Present Annual PAM Report Requirements inclusive of Data Provider feedback	BSCCo	PAB	Annual PAM Report Requirements Review Data Provider feedback	
2.1.7	Following 2.1.6, if PAB deferral or rejection	Review deferred or rejected Annual PAM Report Requirements and PAB feedback, proceed to 2.1.2	BSCCo		Annual PAM Report Requirements PAB feedback	
2.1.8	Following 2.1.6, within 5 WD of PAB approval	Confirm PAB approval of Annual PAM Report Requirements	BSCCo	Data Provider	Form F~~XXX~~711/10	Email or other agreed method
2.1.9	Within 5 WD of Confirmation of PAB approval	Confirm receipt of approved Annual PAM Report Requirements	Data Provider	BSCCo	Form F~~XXX~~711/11	Email or other agreed method
2.1.10	Following 2.1.9, if Data Provider does not return Form F~~XXX~~711/11 within 10 WD	Send reminder of outstanding Form F~~XXX~~711/11	BSCCo	Data Provider		Email or other agreed method

3.   Fixed PAM Provision - Interface and Timetable Information

3.1   Provision of Output Data – SVAA

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1	To timing stated in Appendix 6	Send Output Data.	SVAA	PAM System	PAM Report in accordance with BSCP711 Appendix A Fixed PAM Data Provider File Formats and BSCP711 Appendix B – Fixed PAM Calculation Guidelines. ~~BSCPXXXBSCPXXX~~	Email or other agreed method
3.1.2a	By +1 WD of 3.1.1	Log receipt of data and~~,~~ validate if data processing is successful or unsuccessful. ~~and acknowledge successful processing of data.~~	PAM System	~~SVAA~~	~~Acknowledgement text on Email~~	~~Email~~
3.1.2b	By +1 WD of 3.1.1	If unsuccessful processing of data, notify of output data unsuccessful. ~~Log receipt of data, validate and acknowledge unsuccessful processing of data.~~	PAM System	SVAA PAA	~~Acknowledgement~~ notification ~~text on Email~~of output data unsuccessful	Email or other agreed method
~~3.1.3a~~	~~By +1 WD of 3.1.2a~~	~~Receive positive acknowledgment. No further action required.~~	~~SVAA~~	~~PAM System~~		~~Email~~
3.1.3~~b~~	By +1 WD of 3.1.2b	Receive negative ~~acknowledgment~~notification SVAA must ensure prompt submission of rejected data, in correct format in accordance with 3.6. Process returns to 3.1.1.	SVAA	PAM System		Email or other agreed method

3.2 Provision of Standing Data (SVAA)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1	To timing stated in App. 5.6 or By +1 WD of updates to standing data.	Send data to PAM System.	SVAA	PAM System	PAM Report in accordance with BSCP711 Appendix A Fixed PAM Data Provider File Formats and BSCP711 Appendix B – Fixed PAM Calculation Guidelines. ~~BSCPXXX~~BSCPXXX	Email or other agreed method~~.~~
3.2.2a	By +1 WD of 3.2.1	Log receipt of data, validate if ~~and acknowledge~~ successful or unsuccessful processing of data.	~~PAM System~~	~~SVAA~~	~~Acknowledgement text on Email~~	~~Email~~
3.2.2b	By +1 WD of 3.2.1	~~Log receipt of data, validate and~~If unsuccessful processing of data ~~acknowledge~~ notify of unsuccessful processing of data.	PAM System	SVAA PAA	~~Acknowledgement~~ Notification of of output data ~~text on Email~~	Email or other agreed method
~~3.2.3a~~	~~By +1 WD of 3.2.2a~~	~~Receive positive acknowledgment.~~ ~~No further action required.~~	~~SVAA~~	~~PAM System~~		~~Email~~
3.2.3~~b~~	By +1 WD of 3.2.2b	Receive negative acknowledgment. SVAA must ensure prompt submission of rejected data, in correct format in accordance with 3.6. Process returns to 3.2.1.	SVAA	PAM System		Email or other agreed method

3.3 Supplier Validation (SVAA Data)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1	By +5 WD of receipt of data	Query SVAA data provided to Supplier explaining what data is incorrect and why.	Supplier	PAA	Query Form F~~XXX~~711/03	Email
3.3.2	By +1 WD of 3.3.1	Log query and acknowledge receipt	PAA	Supplier	Query Form F~~XXX~~711/03 plus query number	Email
3.3.3	By +2 WD of 3.3.2	Analyse query in conjunction with SVAA, where appropriate. SVAA to provide revised data where necessary, in agreed format. PAA will acknowledge receipt of data sent by email.	PAA SVAA	SVAA PAA	Query Form F~~XXX~~711/03, data F~~XXX~~711/03, F~~XXX~~711/04	Telephone Email
3.3.4	By +1 WD of 3.3.3	Provide response to Supplier, attach revised data as appropriate	PAA	Supplier	Query Response Form F~~XXX~~711/04 and revised data	Email
3.3.5	Either: By +2 WD of receipt of data in 3.3.4	Either: a) Agree query resolution and proceed from Ref. 3.3.6. b) Disagree query resolution and give reasons. Proceed from Ref. 3.3.7.	Supplier	PAA	Query Response Form F~~XXX~~711/04 and revised data Letter stating reason for appeal	Email
3.3.6	As required	Utilise data, corrected where appropriate. Go back to relevant section	PAA and/or PAM System		Revised data, or existing data	Internal
3.3.7	PAB Meeting	Notify the PAB that the Supplier wishes to appeal the decision of PAA/SVAA and provide reasons.	PAA	PAB	Query Response Form F~~XXX~~711/04 and reasons for appeal from Supplier	Paper

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.8	PAB Meeting	PAB rules in the appeal: 1. Appeal upheld – go to section 3.3.6, then 3.3.9 2. Appeal dismissed – go to 3.3.6, then 3.3.9 3. Defer for more information	PAB	PAA	PAB decision	Internal
3.3.9	2 WD after PAB meeting	Communicate PAB decision to Supplier	PAA	Supplier	PAB decision	E-mail

3.4 Request for Ad-hoc Data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.1	At any time	Request Ad-hoc data.	PAB	PAA	Any data as requested by the PAB.	Verbal by PAB agreement.
3.4.2	By +1 WD of 3.4.1	Request Ad-hoc data. Agree format of data and date upon which it will be provided (provision time-scale can be anything up to a maximum of 20 WD).	PAA	Data Provider	Request For Information Form F~~XXX~~711/02, stating date upon which information required	Email or other agreed method
3.4.3	Within timeframe agreed under 3.4.2	Provide data in format and to timescales agreed in 3.4.2.	Data Provider	PAA	Data in format agreed under 3.9.2	Email or other agreed method
3.4.4a	By +2 WD 3.4.3	Assess data, log and acknowledge receipt seeking clarification if necessary.	PAA	Data Provider	Ad-hoc data in agreed format. Form F~~XXX~~711/02.	Email or other agreed format
3.4.4b	By +5 WD of 3.4.4a	Receive acknowledgement and send clarification as necessary.	Data Provider	PAA	Acknowledgement form, F~~XXX~~711/03	Email or other agreed method
3.4.5	By +10 WD of 3.4.4a or b (whichever is later).	Process data as required	PAA		Ad-hoc data	Internal

3.5   Request for Drill Down Data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.5.1	As required	Request Drill Down data and agree format in which data will be provided.	PAA	Data Provider	Request For Information form F~~XXX~~711/02 stating method for data provision.	Email or other agreed method
3.5.2	Within 20 WD of request	Provide data in format agreed with PAA	Data Provider	PAA	Provision of data form F~~XXX~~711/02	Email or other agreed method
3.5.3a	By +4 WD of 3.5.2	Validate data and check for completeness. Log receipt of data and acknowledge receipt requesting clarification as required	PAA	Data Provider	Data acknowledgement form F~~XXX~~711/03 Data and validation/ completeness rules (Appendix 5.8.)	Email or other agreed method Verbal
3.5.3b	By +4 WD of 3.5.3a	Receive acknowledgement and provide clarification if necessary.	Data Provider	PAA	Clarification Data as agreed	Email or other agreed method
3.5.4	As required	Process data as required	PAA		Validated data	Internal action

3.6   Request for Late ~~Data~~Report

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.1	1 WD after date that data~~/report~~s required.	Identify ~~those reports~~data that ~~is~~are not received ~~by~~on due date. Request ~~report~~ data from Data Provider	~~BSC Service Desk~~PAA	Data Provider	Frequency of ~~report~~ data provision and calendar (App 5.9) and Output Data Schedule Request For Information Form F~~XXX~~711/02	Internal Email or other agreed method
3.6.2a	1 WD after 3.6.1	Acknowledge request and confirm date upon which ~~report~~ data will be provided	Data Provider	~~BSC Service Desk~~PAA	Letter stating date upon which ~~report~~ data will be provided and reason for delay	Email or other agreed method
3.6.2b	By time agreed with PAA	Receive ~~reports~~data	Data Provider	PAM System	~~Reports~~ data requested in 3.6.1	Email or other agreed method
3.6.3	On date agreed with PAA	Proceed from ref. 3.1.1				

3.7 SMRA Metering System Count Report

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.1	Within 21 Working Days of the 15th day in each calendar month	The SVAA shall provide BSCCo with a report detailing, for each Supplier and SMRS recorded, the number of Metering Systems to which that Supplier was registered	SVAA	PAM System	Output data for SP07B as detailed in BSCP711 Appendix A	Email or other agreed method
3.7.2A	Within 15 Working Days of the end of each calendar month	Forward copies of each Supplier Metering Count Report to the Data Transfer Service Provider and DCUSA Limited	PAM System	Data Transfer Service Provider DCUSA Limited	Output data for SP07B as detailed in BSCP711 Appendix A	Email or other agreed method
3.7.2B	Within 15 Working Days of the end of each calendar month	Provide to each Supplier a report detailing the information relating to that Supplier for each SMRS in respect of which that Supplier was registered; and	PAM System	Supplier	Output data for SP07B as detailed in BSCP711 Appendix A	Email or other agreed method

4 Monitoring and Publication of Peer Comparison Data Interface and Timetable Information

4.1 Monitoring and Reporting

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.1.1	On the 26th WD after the last day of the calendar month	Run reports and send to the PAA PAA reviews data	PAM System	PAA	Validated PAM data as determined by the PAB from the selection of Fixed PAM Serials and Market Indicators noted within this BSCP	Email or other agreed method Internal
4.1.2	At any time after 4.1.1	If appropriate seek clarification of information/drill down data	PAA	Data Provider	Reports	Telephone, Email.
4.1.3	In time for PAB	As determined by the PAB from the selection of Fixed PAM Serials and Market Indicators noted within this BSCP produce monthly validated PAM data	PAA	PAB	PAM Data	Paper
4.1.4	At PAB meeting	Request additional information if required	PAB	PAA	Validated PAM Data as in 4.1.3	At meeting, via minutes or via Technical Secretary
4.1.5	1 WD after PAB meeting. Request information from Data Providers.	Agree format and timing of data provision (In accordance with ref. 3.4/3.5)	PAA	Data Providers	Instructions from PAB Request for Information Form FXXX711/02	Telephone, Email, or other agreed method
4.1.6	To timescale agreed with PAA	Provide additional information (In accordance with ref. 3.4/3.5)	Data Provider	PAA	Request for additional information Form FXXX711/02	As agreed with PAA
4.1.7	Within 1 WD of 4.1.6 and then as requested	Log receipt of data and acknowledge Analyse data as appropriate and forward to PAB as requested	PAA PAA	Data Provider PAB	Form FXXX711/02 Additional information (and supporting analysis from PAA where appropriate)	Email/ Paper

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
		(In accordance with ref. 3.4/3.5)				

4.2 Public Peer Comparison - PAM

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.2.1	26 WD after the last calendar day of the relevant month	Produce public Peer Comparison Report(s) and provide to the PAA and authorised Supplier contacts	PAM System PAM System	PAA Suppliers	Public Peer Comparison Report(s)	Email or other agreed format Email or other agreed format
4.2.2	Within 5 WD of receipt of 4.2.1	Notify PAA of any queries. If no response is received by 5 WD then PAA shall deem the public Peer Comparison Report(s) as fit for use and proceed to 4.2.3	Supplier	PAA	Query details on Form FXXX711/07.	Email or other agreed format
4.2.3	Within 2 WD of 4.2.2, if no Query is received from any Supplier	Publish public Peer Comparison Report(s) on BSC Website	PAA		Copy of authorised public Peer Comparison Report(s	Internal Process
4.2.4	Within 5 WD of 4.2.2, if a Query is received from one or more Suppliers	Acknowledge query and discuss query with Supplier and either: (a) take corrective action and regenerate relevant public Peer Comparison Report(s); (b) determine that query can be resolved with no further action; or (c) if query cannot be resolved, refer to PAB for decision	PAA PAA PAA PAA	Supplier Suppliers PAB	Query details, relevant public Peer Comparison Report(s)	Email/Phone Email Email
4.2.5	If action (c): At next PAB following 4.2.4	Review reports and determine if public Peer Comparison Report(s) can be published. Notify PAA	PAB	PAA	Public Peer Comparison Report(s) From PAA. Authorisation by majority vote from PAB	Paper
4.2.6	Within 2 WD of receipt of PAB decision; or following 4.2.4(a) or (b)	Publish public Peer Comparison Report(s) on BSC Website	PAA	Website	Copy of authorised public Peer Comparison Report(s)	BSC Website

4.3   Selecting a New Public Peer Comparison Subject - PAM

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.3.1	As required	Decide which new Fixed PAM Serials/Standards appropriate for publication in public Peer Comparison Report(s)	PAB		Identification of a significant Settlement Risk, non-compliance or performance issue in accordance with the provisions of Section Z of the BSC	Internal process
4.3.2	At least 2 months before publication of any new data set(s)	Circulate details of new Serials/Standards to be published in public Peer Comparison Reports Circulate details of publication frequency	PAB	Supplier	Details of new Fixed PAM Serials/Standards Details of frequency of publication Appendix 5.10	Email

4.4   Public Peer Comparison - Non-PAM Data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.4.1	In accordance with frequency determined by the BSC Panel in accordance with 4.5.5	Produce public Peer Comparison league table(s)	BSCCo		Public Peer Comparison data set(s)	Internal Process
4.4.2	In accordance with frequency determined by the BSC Panel in accordance with 4.5.5	Publish public Peer Comparison league table(s) on BSC Website	BSCCo		Copy of authorised public Peer Comparison league table(s)	BSC Website

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.4.3	Following 4.4.2	Notify any queries about data inaccuracies	Performance Assurance Party	BSCCo	Details of Query e.g. specific data items in question and explanation of inaccuracy	Email risk@elexon.co.uk
4.4.4	Following 4.4.3	Acknowledge query and discuss query with Performance Assurance Party and either:	BSCCo	Performance Assurance Parties	Query details, relevant public Peer Comparison league tales(s)	Email/Phone
		(a) take corrective action and regenerate relevant public Peer Comparison league tables(s);	BSCCo	Suppliers		Email
		(b) determine that query can be resolved with no further action; or	BSCCo			
		(c) if query cannot be resolved, refer to PAB for decision	BSCCo	PAB		Email
4.4.5	If action (c): At next PAB following 4.4.4	Review data sets and determine whether data sets can be published in Peer Comparison league tables(s). Notify BSCCo	PAB	BSCCo	Public Peer Comparison league tables(s) from BSCCo. Authorisation by majority vote from PAB	Paper
4.4.6	Within 2 WD of receipt of PAB decision; or following 4.4.4(a) or (b)	Publish public Peer Comparison league table(s) on BSC Website	BSCCo	Website	Copy of authorised public Peer Comparison league table(s)	BSC Website

4.5   Selecting a New Public Peer Comparison Subject – Non-PAM Data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.5.1	As required	Decide which new data sets appropriate for publication via Peer Comparison Report(s)	PAB		Identification of a significant Settlement Risk, non-compliance or performance issue in	Internal process

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
					accordance with the provisions of Section Z of the BSC	
4.5.2	As determined by the PAB	In accordance with BSC Section Z7.2, the PAB may propose for one or more data set(s) to be published via the Peer Comparison Performance Assurance Technique where the PAB anticipates it would have a positive impact on competition and overall market performance.	PAB	BSC Panel	Proposed data set(s) Justification for their publication Data disclosure recommendation from BSCCo Proposed frequency and duration of publication.	PAB recommendation
		Before proposing a data set(s) for publication, the PAB will follow the process set out in BSC Section H11 (and any relevant subsidiary document referenced in Section H11) to assess whether the data should be disclosed as if references to the BCB were references to the PAB, and references to BSC Data were references to the data set(s) proposed for publication. The PAB will instruct BSCCo to perform the steps set out in BSC Section H11.	PAB	BSCCo		
4.5.3	In conjunction with 4.7.2	BSCCo will review the candidate data set(s) proposed for publication by the PAB in accordance with the process and principles in BSC Section H11 and produce a data disclosure recommendation for the PAB. The PAB proposal to the Panel in respect of the data set(s) to be published must take into account the recommendation produced by BSCCo as to the potential commercial sensitivity of the data set.	BSCCo	PAB BSC Panel	Assessment of the data set(s) as to the potential commercial sensitivity of the data set – data disclosure recommendation	Internal process
4.5.4	At next appropriate Panel Meeting	The BSC Panel reviews the PAB's recommendations to determine whether any potential commercial sensitivity is balanced	BSC Panel	BSCCo PAB	Decision as to whether the data set should be published, and the	Panel decision

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
		against the potential benefits in respect of transparency and competition, and whether the proposed data should be published.			frequency and duration of publication.	
4.5.5	At least 2 months before publication of any new data set(s)	Circulate details of new data sets to be published in public Peer Comparison league tables Circulate details of publication frequency	PAB	Supplier	Details of new data sets Details of frequency of publication	Email

5. Appendices

5.1 Fixed PAM - Report Formats

A standard format for the submission of all data items will be used unless otherwise agreed by the Data Provider and Performance Assurance Administrator based upon the information contained within the appendices associated with this BSCP (Appendix A: Fixed PAM Data Provider File Formats and Appendix B: Fixed PAM Calculation Guidelines).

Data Files will be provided in the agreed formats by Email message addressed to the PAM System or other agreed method.

NOTE: Data Providers must ensure that their files have undergone appropriate virus checking. Infected Emails are automatically deleted by the PAM System and no notification sent to the Data Provider. Emails deleted for this reason will not be considered as having been delivered.

5.2 Fixed PAM - SVAA Output Data Provision

The table below defines the data that will be provided to the PAM System by the SVAA. This data may be stored outside of the PAM System.

The 'FILETYPE' column references the SVA Data Catalogue. The 8 digit references beginning with a 'P' have an equivalent Technical Specification data flow.

Serial	Titled	FILETYPE
TA01	GSP Group Correction Factor	P0137001
TA02	Annual Demand Ratio	P0138001
SP07A	SVAA Supplier MSID Count – SVAA File	P0164001
SP07B	SMRA MSID Count – SVAA File	
SP08	Energy and MSIDs on Actuals	P0145002

5.3 Fixed PAM - CDCA Output Data

The table below defines the data that will be provided to the PAM System by the CDCA. The 'FILETYPE' column references the SVA Data Catalogue. The 8 digit references beginning with a 'P' have an equivalent Technical Specification data flow. This data may be stored outside of the PAM System.

Serial	Titled	FILETYPE
CM01	CVA MOA Proving Tests	P0133001
CM02	CVA MOA Fault Resolution	P0134001

5.4 Fixed PAM - Standing Data

The following Standing Data will be submitted to the PAM System for use in validating data submissions. This data may be stored outside of the PAM System.

The 'FILETYPE' column references the SVA Data Catalogue. The 8 digit references beginning with a 'P' have an equivalent Technical Specification data flow.

Standing Data	Data Provider	FILETYPE
PAM Industry Standing Data	SVAA	P0136001
Suppliers Trading / Ceased Trading in GSP Groups	SVAA	P0127001

5.5 Fixed PAM - Market Indicator Information

The table below defines the data that will be provided to the PAM System for the analysis of market indicators/processes. This data may be stored outside of the PAM System.

Data Flow Description	Data Provider	Data Catalogue Flow Ref
GSP Group Correction Factor	SVAA	P0048001
Energy Settlement Mix (PAB determined broken down by CCCs as specified in BSCP711 Appendix A Output Data File Formats SP08 – Energy and MSIDs on ActualsID breakdown)	SVAA	P0049003
Energy Breakdown (Settlement Period and BM Unit)	SVAA	P0213001
Energy Breakdown (BM Unit)	SVAA	P0214001

5.6   Fixed PAM - Frequency of Report and Data Submission

Output Data Reports should be provided to the PAM System in accordance with the following timetable:

Note: Data Providers are asked to note the provisions for deemed receipt of email communications as set out in Section H of the BSC, and are advised to send Output Data Reports by 1600 hours in order to ensure their delivery to the PAM System by 1700 hours. Reports sent after 1600 hours and delivered by 1700 hours will still be counted as submitted on that working day. However, any Data Provider sending an Output Data Report after 1600 hours will bear the risk of its non-delivery by 1700 hours – and therefore the risk of the report being counted by the PAM System as a late submission.

Data Provider	~~Timescale~~Minimum Frequency
SVAA	7 WD after last calendar day of each month as appropriate with the exception of:
	1. Market Indicator data – 1 WD after the end of the previous week
	2. ISD– as specified in BSCP509
	3. Information on GSP Group Take and Supplier Group Take (needed for calculation of SCs) – 20 WD after last calendar day of each month.
	4. Annual GSP Group Take Data – 20 WD after last calendar day of each financial year.
Standing Data (SVAA)	1 WD after update

Note: Data from SVAA relates to Volume Allocation Runs carried out by SVAA in the previous calendar month.

~~A calendar stating specific dates for receipt of data will be published by the PAA on a yearly basis.~~

The table below defines the timing requirements for the relevant parties to provide data to the PAM System for analysis of Market Indicators.

Market Indicator	Minimum Frequency
Energy Settlement mix (broken down by CCCs as specified in BSCP711 Appendix A Output Data File Formats SP08– Energy and MSIDs on ActualsPAB determined CCC ID breakdown)	Weekly
Energy Breakdown (Settlement Period and BM Unit)	Weekly
Energy Breakdown (BM Unit)	Weekly

5.7. Fixed PAM - Standing Data

The following standing data will be maintained by the PAM System. An SVA Data Catalogue Flow Reference number has been assigned where appropriate which relates to a Technical Specification data flow within the SVA Data Catalogue:

Authorised Data Providers

Suppliers must make the BSC Service Desk aware of any changes to their authorised Data Providers by using form FXXX/01.

Industry Standing Data

ISD is required so that the performance data received can be validated. The data will be provided by the SVAA.

The categories of ISD that will be maintained are:

- GSP Groups

- Market participants

- Market participant roles

- Reconciliation Run types

Output Data Schedule

The following data flow is required from the SVAA 7 WD after the end of each calendar month to support the construction of the Output Data Schedule.

- Suppliers Start Trading/Cease Trading in GSP Group: To identify which Suppliers are trading in which GSP Group with a start effective date and if they have ceased trading in the GSP Group, an end effective date - P0127001.

5.8 Fixed PAM - Validation and Completeness Rules

~~This section of the BSC Procedure contains the rules associated with the checking of data validity and completeness.~~

~~The data provided to the PAM System will be **validated** to determine if:~~

~~(a) data provided by authorised person (valid Email address)~~

~~(b) all report details complete~~

~~(c) all data type and value sets are consistent with format agreed in standard template.~~

~~If anomalies are discovered, or if additional data is required, the PAA will request additional or replacement data.~~

~~The PAA will maintain an output data schedule that will specify the report type and content for each category of data provider. A **complete** set of data reports is defined as:~~

~~• all the output data provided by a particular data provider for a Supplier and its Agents operating in a single GSP Group, where appropriate, for a reporting month in accordance with the output data schedule.~~

~~If the completeness check fails then Output Data will only be passed for further processing where it is complete for a Fixed PAM Serial. The PAM Sytem will run with all Complete Data even if it is currently being queried.~~

~~The Output Data is validated against the data format requirement as defined in the standard template (or as agreed with PAA for Ad hoc and Drill Down data) and any codification is validated against the ISD. .~~

~~If re-submission is required, the total set of data for the Data Provider for the relevant Serial is required.~~

~~If the PAA amends data, an audit log of the amendment will be generated by the PAM System. A copy of this audit log will be sent to the PAB and any affected Data Provider.~~

> **Commented [MH1]:** Internal process - no longer relevant as data will be validated by SVAA

SVAA Data used for PAM Peer Comparison

SVAA sourced data which is to be used for PAM Peer Comparison and Supplier Charges (SC) purposes will be copied to the relevant Supplier for checking.

The Supplier is invited to approve the data or raise a query within the given timescales. If no response is received, it will be assumed that the data has been cleared for use.

In the event that a Supplier queries PAM Peer Comparison/SC data and the PAA/Supplier/SVAA cannot agree ahead of the timetabled production of the Peer Comparison/SC reports, the PAA will take instruction from the PAB to either:

(a)   Exclude the Supplier from all PAM Peer Comparison/SC reports

(b)   Exclude the Supplier from the PAM Peer Comparison/SC report to which the queried data relates;

(c)   Include the Supplier in all PAM Peer Comparison/SC reports anyway.

5.9   Fixed PAM - Monitoring & Reporting

At the request of the PAB, tThe PAA will run monthly reports that will support the analysis of:

- trends in those PAM reports that are stated in this BSCP.

These reports will form the basis of a monthly PAM data report that will be produced by the PAA for review by the PAB (as detailed in section 4.1). The PAM data report will include a summary and analysis of that information provided in the report, including consideration of the trends in performance and market indicators over any reporting period that is specified by the PAB. Any unusual occurrences/anomalies/areas of concern will be highlighted to the PAB.

The PAA will maintain a log of reports despatched to other parties, and must record the despatch and receipt dates for confidential and/or commercially sensitive reports.

5.10 **PAM Peer Comparison Serials & Standards**

The Peer Comparison Technique will apply to the following Fixed PAM Serials and standards (as defined within the Fixed PAM Calculation Guidelines). The PAB will determine those PAM Serials to be included in the Public Peer Comparison Reports and as per sections 4.2.

Serial	Titled	Reporting Level for PC (National or GSP)
CM01	CVA MOA Proving Tests	National by CVA MOA
CM02	CVA MOA Fault Resolution	National by CVA MOA
SP07A	Supplier MSID Count – SVAA File	GSP by Supplier
SP07B	~~SVAA~~ SMRA MSID Count – SVAA File	GSP by Supplier
SP08	Energy and MSIDs on Actuals	GSP by Supplier

5.11   PAM Peer Comparison Report Distribution and Publication

5.11.1   PAA Distribution of PAM Peer Comparison Reports

The PAM System will distribute Peer Comparison Reports as follows:

Recipient	Content
Panel	All reports (upon request)
PAB	All reports (upon request)
Suppliers	All reports (except CM01 and CM02)
Suppliers' Agents	Respective Agent report (where Agent appears on the graph)
BSC Website	All reports notified to Suppliers as being subject to publication in accordance with paragraphs 4.3 and 5.11.2

5.11.2   Publication Criteria

- PAB may choose to publish all, none or some of the Fixed PAM Serials and Standards set out within this BSCP

- PAB is not obligated to choose to publish the same subset of Fixed PAM Serials and Standards publicly to those that are made available to the nominated recipient at each Supplier or Supplier Agent

- PAB may elect to change (in accordance with this BSCP) the subset of Fixed PAM Serials and Standards published to highlight a specific performance issue that has been identified as requiring attention by either the BSC Auditor, the Authority, the Panel or BSCCo in accordance with Section 4.4

- PAB shall not change the subset of public PAM Peer Comparison Reports published in order to highlight the performance of a Supplier or Supplier Agent in a month for which PAB has already seen performance data for that or any other Supplier or Supplier Agent

- PAM Public Peer Comparison Reports shall be routinely updated - at least every two months or at another frequency determined by the PAB

- Each public Fixed PAM Peer Comparison Report published must include the performance data of all Suppliers or Supplier Agents for which a full set of data is available across the reporting period

- The PAB shall ensure that the format of each Fixed PAM Serial or Standard to be published is meaningful for purposes of comparing Supplier or Supplier Agent performance against that Fixed PAM Serial or Standard. This means that the PAB shall, amongst other relevant factors, consider in relation to each Serial or Standard to be published, whether to present the data as actual results or as percentages.

5.12   **Error and Failure Resolution and Escalation**

Once a performance issue is identified and initial investigation undertaken, the PAA may wish to refer this matter to the PAB. The procedure for this referral and any subsequent escalation to the PAB or the Panel is in accordance with BSCP538, Error and Failure Resolution.

Appendix A: Fixed PAM Data Provider File Formats

The Fixed PAM File Formats Specification is associated with BSCP711 but is a separate document.

Appendix B: Fixed PAM Calculation Guidelines

The Fixed PAM Calculation Guidelines document is associated with BSCP711 but is a separate document.

5.13   **Annual PAM Report Requirements Review Forms**

All information within the Annual PAM Report Requirements must be agreed by the PAB.

Prior to PAB approval of the Annual PAM Report Requirements in line with section 2.1:

Form F~~XXX~~711/08 – Annual PAM Report Requirements Review BSCCo Request for Feedback

BSCCo will provide the following details to the Data Provider in accordance with section 2.1:

- Data Provider subject to the Annual PAM Report Requirements

- Reason for the Annual PAM Report Requirements, including link to ROP, scope of work and relevant Settlement Risk Identification Number(s)

- Details of the required information from the Data Provider

- Frequency of the required information from the Data Provider

- Date by which the Data Provider must provide feedback on the Annual PAM Report Requirements using the date items required in form F~~XXX~~711/09

- Date by which the Data Provider must implement the Annual PAM Report Requirements

- Contact details for all requested information, acceptance and a point of contact for any communication with the BSCCo.

Form FXXX711/09 – Annual PAM Report Requirements Review Data Provider Feedback

The Data Provider will provide the following details to the BSCCo in accordance with section 2.1:

- Data Provider subject to the Annual PAM Report Requirements

- Feedback on the details of the required information from the Data Provider stated within form FXXX711/08

- Feedback on the frequency of the required information from the Data Provider stated within form FXXX711/08

- Feedback on the date by which the Data Provider must implement the Annual PAM Report Requirements stated within form FXXX711/08

- Any other relevant feedback

Following PAB approval of the Annual PAM Report Requirements in line with section 2.1:

Form F711XXX/10 – Annual PAM Report Requirements Confirmation of PAB approval

BSCCo will provide the following details to the Data Provider in accordance with section 2.1:

- Data Provider subject to the Annual PAM Report Requirements

- Date in which the Annual PAM Report Requirements received PAB approval

- PAB Meeting Number in which the Annual PAM Report Requirements received PAB approval

- Details of the approved Annual PAM Report Requirements for the Data Provider

- Frequency of the approved Annual PAM Report Requirements for the Data Provider

- Date by which the Data Provider must implement the Annual PAM Report Requirements

- Contact details for all requested information, acceptance and a point of contact for any communication with the BSCCo.

Form ~~FXXX~~F711/11 – Annual PAM Report Requirements Confirmation of receipt of PAB approval

The Data Provider will provide the following details to the BSCCo in accordance with section 2.1:

- Data Provider subject to the Annual PAM Report Requirements

- Confirmation of receipt of relevant form F~~XXX~~711/10

- Confirmation of date to implement the Annual PAM Report Requirements

- Any other relevant feedback

6. Forms

<div style="text-align: right;">~~FXXX~~**F711**/01</div>

Data Provision Authorisation Form

To:	~~BSC Service Desk~~Performance Assurance Administrator

From:	_____	Date:	_____

Company Name:	_____

Address:	_____	Participant Id:	_____
	_____		

Category of Data Provider	SMRA
	Supplier
	Delete as appropriate

Authorised Personnel:			
Names:			
Telephone No:	_____		_____
Data submission email address:	_____		_____

These contact details are: In addition to existing contact(s) / A replacement for existing contact(s) *

Delete as appropriate

Please email Performance Assurance Administrator~~BSC Service Desk.~~

F~~XXX~~711/02

Request for Information

To: _____

Company Name: _____

From: Performance Assurance
          Administrator ~~PAA~~   Date: _____

Contact No: _____

Reporting Period:

From: _____   To: _____

Log Query* No: _____

* Delete as appropriate

Description/Request:

_____

_____

_____

_____

_____

_____

_____

_____

_____

Please email information/data Performance Assurance Administrator~~PAA~~.

F~~XXX~~711/03

Query Form

To: Performance Assurance Administrator~~PAA~~   Date:

From: Authorised Signature

Telephone No:

Category of Data Provider   SMRA/Supplier/SVAA/CDCA:

Log No:

Description of Query:

Please send to Performance Assurance Administrator~~PAA~~.

F~~XXX~~711/04

Query Response

To:	_____	Company Name:	_____
From:	Performance Assurance Administrator	Signature:	_____
Date:	_____	Telephone No:	_____
Query No:	_____		

Response to Query:

_____

_____

_____

_____

_____

_____

_____

F~~XXX~~711/05

Supplier Validation Response (Supplier Agent submitted data)

To: Performance Assurance Administrator~~BSC Service Desk~~

From (Supplier Name):

Date: Telephone No:

I hereby wish to confirm the following data and agree its use in PAM techniques.

File ID (Taken from the relevant received report)	Reporting Period	Serial	Data Provider

I hereby wish to reject the following data and do not agree its use in PAM techniques.

File ID (Taken from the relevant received report)	Reporting Period	Serial	Data Provider	Reason for rejection of Data

Please send to Performance Assurance Administrator~~BSC Service Desk~~.

~~FXXX~~F711/06

Peer Comparison Contact Authorisation Form

Email to <u>Performance Assurance Administrator</u>~~BSC Service Desk~~

Authorised Contact to Receive Peer Comparison Reports

Authorised Contact Name: …………………………………..

Organisation Name: ………………………………………….

Participant Role *(Delete as appropriate)*:

Supplier

Participant Id: ……………………………..

Address: …………………………………………………..

…………………………………………………………..

Tel: …………………………………………………

Authorised contact Email Address: …………………………………………

This contact is: In addition to existing contact(s) / To replace existing contact(s)*

* Delete as appropriate

F~~XXX~~711/07

Peer Comparison Query Form

To: Performance Assurance
          Administrator

From: _____   Authorised Signature: _____

Tel: _____

Log
No: _____

Description of Query:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Please Email the PAA.

_____

THIS SECTION TO BE USED BY PAA

I hereby acknowledge receipt of your query.

Name: _____   Signature: _____

Query Number assigned: _____   Date: _____

7. Data Processing Reports

The following reports are those generated by the PAM System and issued to participants to support data processing, validation and authorisation activities. The file naming convention for each report is included beneath each report type.

7.1 Email Receipt Report

ER_<Email Received Number>.txt

P_A _M

Email received from:

Received on:

Subject:

The following attachments were processed from this email:

The following problems were encountered when processing this email:

Report created:

7.2 Data Receipt Report

DR_<Date File Received>_<File Load Number>.log

P_A_M

Data file:

File type:

Attached to email received on: [DATETIME] from:

Creation date time:

Period End date:

Validation Results:

Report created:

7.3 Third Party Output Data Report

TR_<Reporting Period>_<Supplier ID>_X_<Serial ID>_<Corresponding DR Log Number>.txt

Or

TR_<Reporting Period>_<Agent ID>_<Agent Role Code>_<Supplier ID>_X_<Serial ID>_<Corresponding DR Log Number>.txt

Or

TR_<Reporting Period>_<Agent ID>_<Agent Role Code>_<Serial ID>_<Corresponding DR Log Number>.txt

---

P_A_M

The following data has been submitted to the PAM System on your behalf by the Participant detailed below. No queries raised on this data by close of business [DD-MMM-YYYY] will be taken as acceptance. It remains your responsibility to ensure all reporting is complete, accurate and BSC compliant.

PAM Reference:

Serial:

From Participant Id:

From Role Code:

File Name:

Received:

Period End Date:

Contents:
[(spooled details)]

Report created: [Sys date/time]