

## **Balancing and Settlement Code**

### **BSC PROCEDURE**

#### **Corrections to Bid-Offer Acceptance Related Data**

### **BSCP18**

### **Version 8.0**

**Date: 26 February 2015**

**BSCP18**  
**relating to**  
**Corrections to Bid-Offer Acceptance Related Data**

1. Reference is made to the Balancing and Settlement Code dated Code Effective Date and, in particular, to the definition of “BSC Procedure” in Section X, Annex X-1 thereof.
2. This is BSC Procedure 18, Version 8.0 relating to Corrections to Bid-Offer Acceptance Related Data.
3. This BSC Procedure is effective from 26 February 2015
4. This BSC Procedure has been approved by the BSC Panel.

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**AMENDMENT RECORD**

<b>Version</b>	<b>Date</b>	<b>Description of Changes</b>	<b>Changes Included</b>	<b>Mods/ Panel/ Committee Refs</b>
1.0	30/06/04	Designated version	CP995	
2.0	BETTA Effective Date	BETTA 6.3 rebadging changes for the CVA Feb 05 Release		BETTA 6.3
3.0	02/11/05	CVA Programme November 05 Release	P172	Panel
4.0	05/11/09	November 09 Release	CP1176 (Part)  CP1283  P217  P231	ISG68/02 SVG67/02  ISG100/01  Panel 142/06  Panel 155/04
5.0	04/11/10	November 10 Release	P257	Panel
6.0	31/03/14	Modification P276	P276	ISG154/03
7.0	26/06/14	June 2014 Release	CP1400	ISG151/04
8.0	26/02/15	February 2015 Release	CP1392	ISG149/06

## 1 Introduction

### 1.1 Scope and Purpose of the Procedure

This BSC Procedure (BSCP) defines the processes that BSCCo, the Settlement Administration Agent (SAA), the Transmission Company (TC) and BSC Parties will use. This is specifically to input corrections to erroneous Final Physical Notification (FPN), Bid-Offer Data (BOD), Quiescent Physical Notification (QPN), Bid-Offer Acceptance Level (BOAL)<sup>1</sup> and Bid-Offer Acceptance Level Flagged (BOALF)<sup>2</sup> data (collectively referred to as the 'Bid-Offer Acceptance Related Data') within the Settlement Administration Agent (SAA) systems or Balancing Mechanism Reporting Agent (BMRA) systems. For the avoidance of doubt, the correction of erroneous Bid-Offer Acceptance Data means correcting incorrect data, or removing non-applicable data or inserting missing data. All changes relating to volume (MW, Time and Duration) are submitted by the TC with agreement of the affected BSC Parties and are authorised by BSCCo.

This procedure also defines the process that BSCCo, the Settlement Administration Agent and the Transmission Company will use to input manual corrections to erroneous SO-Flagged data fields within the BOALF data. All SO-Flag changes are submitted by the TC and are authorised by BSCCo, agreement is not required from BSC Parties because they are not directly impacted by a flag change.

This BSCP describes the key interfaces and timetables for inputting changes to the affected BMRA and SAA systems. All corrections to the Bid-Offer Acceptance related data must have the consent of the associated BSC Parties (aside from SO-Flag changes) and corrections must be applied before the Initial Settlement Run (SF). If consent, or in the case of SO-Flag correction notification from the TC, is not received prior to SF then the data corrections must be raised as a Trading Dispute and progressed through the Trading Disputes process in accordance with BSCP11.

This BSCP also describes the processes used by BSCCo, TC and SAA to ensure that imbalance prices properly reflect the value of SBR. These processes are in accordance with BSC Sections Q and T.

### 1.2 Main Users of the Procedure and their Responsibilities

The main users of this BSCP are:

- *BSCCo* – witness and authorise the correction process for each change made (including SO-Flag changes) and confirm that any corrections made are in accordance with the changes agreed (excluding SO-Flag changes) between the affected BSC Parties and the TC.
- *BSC Parties* – confirm that settlement error has occurred and agree to the proposed corrections (excluding SO-Flag changes).

<sup>1</sup> For Settlement Days before the implementation of Approved Modification P217.

<sup>2</sup> For Settlement Days on or after the implementation of Approved Modification P217.

- *TC* – submit corrections directly to the SAA for manual update prior to the Initial Settlement Run. After this point, all corrections must be submitted using the Trading Disputes process detailed in BSCP11.
- *BMRA* – receives corrections via electronic transfer (FTP) directly from TC Energy Balancing System (EBS). EBS will replace BM System.
- *SAA* – receives corrections from TC or BMRA and determines the most appropriate changes to be made to the database in order to ensure that the data concerning the Bid-Offer Acceptance accurately reflects the steps taken by the affected BSC Parties and / or the SO-Flag field is correctly reflected in the database.

### 1.3 Use of the Procedure

The remaining sections in this document are:

Section 2 – Not Used.

Section 3 - Interface and Timetable Information: this section defines in more detail the requirements of each business process.

### 1.4 Balancing and Settlement Code Provision

**[P323]** This BSCP should be read in conjunction with the BSC and in particular Sections Q, T, U and W. This BSCP has been produced in accordance with the provisions of the BSC. In the event of an inconsistency between the provisions of this BSCP and the BSC, the provisions of the BSC shall prevail.

### 1.5 Associated BSC Procedures

BSCP01	Overview of Settlement Process
BSCP11	Trading Disputes

## 1.6 Acronyms and Definitions

### 1.6.1 List of Acronyms

The terms used in this BSCP are defined as follows;

BOAL	Bid-Offer Acceptance Level
BOALF	Bid-Offer Acceptance Level Flagged
BOA	Bid-Offer Acceptance
BOD	Bid-Offer Data
<u>BPA<sup>rev</sup></u>	<u>Buy Price Adjuster as calculated in accordance with Appendix X.X of this BSCP</u>
<u>BPA<sup>TC</sup></u>	<u>Buy Price Adjuster as calculated in accordance with BSAD Methodology Statement sent to BMRA or BSCCo by TC</u>
BSAD	Balancing Services Adjustment Data
BSC	Balancing and Settlement Code
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
FPN	Final Physical Notification
II	Interim Information Settlement Run completed 5 Working Days after the Settlement Day
<u>P<sup>norm</sup></u>	<u>Energy Imbalance Price (P<sup>norm</sup>) calculated using no SBR Notice had been received using BPA<sup>TC</sup></u>
<u>P<sup>SBR</sup></u>	<u>Energy Imbalance Price (P<sup>SBR</sup>) taking account of SBR Notice and using BPA<sup>TC</sup></u>
QPN	Quiescent Physical Notification
SAA	Settlement Administration Agent
<u>SBR</u>	<u>Supplemental Balancing Reserve</u>
SD	Settlement Day
SF	Initial Settlement Run completed 16 Working Days after the Settlement Day
TC	Transmission Company
WD	Working Day

Full definitions of the above acronyms are, where appropriate, included in the BSC.

### 1.6.2 Definitions

SBR Impacted Settlement Period: is any Settlement Period in which an SBR Action was taken

**2. Not Used**

### 3. Interface and Timetable Information

#### 3.1 **[P323]** Identification and Agreement of Changes to Data (excluding changes arising from Emergency Instructions **and SBR Actions**)

REF	WHEN <sup>3</sup>	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1	No less than 8 WD before SF Run.	Identify that a data correction is required to data submitted to SAA.	BSC Party or TC <sup>4</sup>	TC	Details of data correction.	E-mail or fax, TC Internal reporting.
3.1.2	Within 1 WD of 3.1.1.	Review proposed data correction and determine if data correction request is valid.	TC		Proposed data correction.	Internal Process.
3.1.3	Within 2 WD of 3.1.2.	Provide details of proposed data correction and agree action to be taken.	TC	BSC Party	Proposed data correction.	Telephone contact with authorised personnel at BSC Party followed by e-mail.
3.1.3a	Within 5 WD of 3.1.2	Provide details of SO-Flag correction data	TC	SAA BSCCo	Proposed data correction	E-mail.
3.1.4	By 15:00 hrs within 2 WD of 3.1.3.	Agreed Data Correction received by TC. Proceed to Section 3.2.1.	BSC Party	TC	Refer to Section 3.2.1.	E-mail.
3.1.5	15:00 hrs within 2 WD of 3.1.3.	No agreement reached on proposed corrections  Proceed to BSCP11.	TC or BSC Party	BSCCo, TC or BSC Party as appropriate.	Refer to BSCP11.	E-mail.

<sup>3</sup> The relevant BSC Party and TC are required to adhere to the timeframes set out above. However, in exceptional circumstances, which shall be determined by the TC e.g. where a number of data corrections are issued in close succession, these timeframes may not be practical. Where the TC has deemed that exceptional circumstances exist, the TC and the SAA shall determine and notify the BSC Party of the alternative process to be used. For the avoidance of doubt, BSC Parties are expected to contact the TC as soon as they become aware of any potential issues.

<sup>4</sup> The SAA may also notify TC of any such errors.



**3.2 (a) Corrections of SAA databases for FPN, QPN and BOD)**

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1	Following 3.1.4 and 2 WD before SF Run.	Provide SAA with FPN, QPN and/or BOD data correction.	TC	SAA BSCCo	Receive Request for Data Change (SAA-I033).	E-mail.
3.2.2	Up to 1 WD before SF Run.	Update SAA database and confirm database updates have been implemented.	SAA	BSCCo TC	Report Confirmation of Data Change (SAA-I036).	E-mail.
3.2.3	Following 3.1.3a and up to 1WD before SF Run	Update SAA database and confirm database updates have been implemented	SAA	BSCCo TC	Report Confirmation of Data Change	E-Mail.

### 3.2 (b) Corrections of BMRA and SAA databases (for BOA Changes excluding Emergency Instructions)

Changes to BOALF data (excluding those arising from Emergency Instructions) are applied to the BMRA and SAA databases using an automated process as follows:

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.3	Following 3.1.4 and 2 WD before SF Run.	Provide BMRA BOA data correction	TC	BMRA	Balancing Mechanism Data (BMRA-I002)	Electronic.
3.2.4	Following 3.2.3.	Provide SAA with BOA data correction	BMRA	SAA	SAA Balancing Mechanism Data (SAA-I003)	Electronic.

### 3.3. No longer used

### 3.4. Corrections to SAA Databases arising from Emergency Instructions

The process is triggered by the issue of an Emergency Instruction by the Transmission Company.

In accordance with the Grid Code and Section Q5.1.3(b) of the BSC, Emergency Instructions issued in respect of a BM Unit shall be treated as Bid-Offer Acceptances, except certain Black Start processes, Maximum Generation Service and Emergency De-energisation Instructions<sup>5</sup>.

The Transmission Company identifies Emergency Instructions as being either:

- ‘Emergency Acceptances’; or
- ‘Emergency Flagged’ Acceptances.

BSC Annex T-1 details how Emergency Instructions are treated in the Energy Imbalance Price calculations.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.1	As soon as possible after issuing Emergency Instruction	Send details of Emergency Acceptance to BMRA and BSCCo.	TC	BMRA BSCCo	Receive System Related Data (BMRA-I003) Time of Emergency Instruction Affected BM Unit (s)	Electronic. Phone/Fax/E-mail.
3.4.2	Upon receipt of information following 3.4.1	Publish notice on BMRS <sup>6</sup>	BMRA	BMRS Users	Publish System Related Data (BMRA-I005) Time of Emergency Instruction Affected BM Unit (s)	Electronic.

<sup>5</sup> For Settlement Periods falling within both a Black Start Period and a Market Suspension Period, no Emergency Instructions shall be treated as Bid-Offer Acceptances. For Settlement Periods falling within a Black Start Period but not within a Market Suspension Period, any Emergency Instructions issued under BC2.9.1.2(e) of the Grid Code shall not be treated as a Bid-Offer Acceptances. See BSC Section G3, BSCP201 and Grid Code BC2 for further details.

<sup>6</sup> Notice to be published using the BMRS ‘System Warning’ function.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.3	Upon receipt of information following 3.4.1	Log details of Emergency Acceptance and allocate reference number.	BSCCo		Details of Emergency Acceptance. BSC Service Desk reference number.	Internal Process.
3.4.4	As soon as possible after 3.4.3	Provide reference number for Emergency Acceptance.	BSCCo	TC	BSC Service Desk reference number.	Phone/Fax/E-mail.
3.4.5	After 3.4.1 and where possible, at least 1 WD prior to II Run <sup>7</sup>	Identify and agree Emergency Instruction related Acceptance with BSCCo and Party.	TC	BSCCo Party	Acceptance Data arising from Emergency Instruction	Phone/Fax/E-mail.
		Decide whether it is to be treated as 'Emergency Flagged'.	TC		Decision on whether the Emergency Acceptance is to be treated as 'Emergency Flagged'.	Internal Process.
3.4.6	After 3.4.5 and where possible at least 1 WD prior to II Run	Send Acceptance Data and details of approach for settling Emergency Instruction to the BMRA, SAA and BSCCo.	TC	BMRA  SAA  BSCCo	Receive System Related Data (BMRA-I003)  Receive Request for Data Change (SAA-I033)  Acceptance Data arising from Emergency Instruction Specify whether the Emergency Acceptance is to be treated as 'Emergency Flagged'.	Electronic.  Phone/Fax/E-mail.

<sup>7</sup> In exceptional circumstances, e.g. where a number of Emergency Instructions have been issued in close succession, the II run target may not be met. In such cases, the data shall be entered into Settlement in time for the Initial Settlement Run (SF Run). A Trading Dispute will need to be raised to enter such data into Settlement after the SF Run.

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.7	Upon receipt of information after 3.4.6	Publish details of Acceptance Data to be entered into Settlement and whether it is to be treated as 'Emergency Flagged' <sup>666</sup>	BMRA	BMRS Users	Publish System Related Data (BMRA-I005) Acceptance Data arising from Emergency Instruction	Electronic.
3.4.8	Upon receipt of information after 3.4.6	Acknowledge receipt of Acceptance Data and approach for settling Emergency Instruction.	BSCCo	TC	Acknowledgement of receipt	Phone/Fax/E-mail.
3.4.9	Upon receipt of information after 3.4.6	Request authorisation to input post event Acceptance Data in SAA Database.	SAA	BSCCo	Report Recommended Data Change (SAA-I034)	Phone/Fax/E-mail.
3.4.10	As soon as possible after 3.4.9	Authorise input of post event Acceptance Data in SAA Database.	BSCCo	SAA	Receive Instruction for Data Change (SAA-I035) Acceptance Data arising from Emergency Instruction.	Phone/Fax/E-mail.
3.4.11	As soon as possible after 3.4.10 and where possible, prior to II run	Enter post event Acceptance Data into SAA Database and provide confirmation Database has been updated.	SAA	BSCCo  TC	Acceptance Data arising from Emergency Instruction  Report Confirmation of Data Change (SAA-I036).	Internal Process.  Phone/Fax/E-mail.

**[P323]3.5. Corrections to SAA Databases arising from SBR Actions**

The process is triggered by an SBR Notice by the Transmission Company<sup>8</sup>.

In accordance with Section Q6.5 and T4.4 of the BSC, the TC will notify BSCCo of any BOA that are subject of an SBR Notice. BSCCo, in respect of each SBR Impacted Settlement Period shall ensure that corresponding Energy Imbalance Prices reflect the SBR Action Price.

<u>REF.</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>Process followed after the BMRA's indicative Settlement calculations</u>						
<u>3.5.1</u>	<u>By noon 1 WD following an accepted Offer for SBR purposes</u>	<u>Send SBR Notice</u>	<u>TC</u>	<u>BSCCo</u>	<u>PXXXX SBR Notice</u>	<u>Electronic.</u>
<u>3.5.2</u>	<u>As soon as possible Upon receipt of information following 3.5.1 and no later than 1 WD prior to the II Run for such SBR Impacted Settlement Date</u>	<u>Publish notice on BSCCo Website of an SBR Action</u>	<u>BSCCo</u>		<u>Publish SBR Notice ELEXON Circular</u>	<u>Electronic.</u>

<sup>8</sup> An SBR Action is derived from an accepted Offer by the TC for the provision of capacity that will result in a BM Unit's output exceeding its Stable Export Limit for SBR purposes. Pursuant to Q/T, this Offer will be subject to an SBR Notice.

<u>REF.</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
		Determine revised Buy Price Adjuster in accordance with Appendix <b>X.X</b> for SBR Impacted Settlement Period(s)	<u>BSCCo</u>			<u>Internal</u>
<u>3.5.3</u>	As soon as possible after 3.5.2 and no later than 1 WD prior to the II Run for such SBR Impacted Settlement Date	Send revised Buy Price Adjuster(s) (BPA <sup>rev</sup> s)  Send P <sup>SBR</sup>	<u>BSCCo</u>	<u>TC</u>  <u>SAA</u>	<u>PYYYY</u>  <u>PZZZZ</u>	<u>Electronic</u>
<u>3.5.4</u>	Following 3.5.3 at least 1 WD prior to the II Run for such SBR Impacted Settlement Date	Include BPA <sup>rev</sup> (s) in resubmission of BSAD	<u>TC</u>	<u>BMRA</u>	<u>BMRA-I014</u>	<u>Electronic</u>
<u>Process following amendments by the TC to Bid Offer Data, Acceptance data or BSAD</u>						
<u>3.5.5</u>	By noon +2 WD preceding the next Settlement Run for such SBR Impacted Settlement Date	Provide details of any revisions to Bid-Offer Data, Acceptance Data and Balancing Services Adjustment Data	<u>TC</u>	<u>BSCCo</u>	<u>PAAA</u>	<u>Electronic</u>

<u>REF.</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>3.5.6</u>	<u>As soon as possible after 3.5.5 and no later than 1 WD prior to the next Settlement Run for such SBR Impacted Settlement Date</u>	<u>Determine revised Buy Price Adjuster(s) in accordance with Appendix <b>X.X</b></u>	<u>BSCCo</u>			<u>Internal</u>
<u>3.5.7</u>	<u>As soon as possible after 3.5.6 and no later than 1 WD prior to the next Settlement Run for such SBR Impacted Settlement Date</u>	<u>Send revised Buy Price Adjuster(s) (BPA<sup>rev</sup>s)</u>  <u>Send P<sup>SBR</sup></u>	<u>BSCCo</u>	<u>TC</u>  <u>SAA</u>	<u><b>PYYYY</b></u>  <u>PZZZZ</u>	<u>Electronic</u>
<u>3.5.8</u>	<u>Following 3.5.7 and prior to the next relevant Settlement Run, for such SBR Impacted Settlement Date</u>	<u>Include BPA<sup>rev</sup>s in resubmission of BSAD</u>	<u>TC</u>	<u>BMRA</u>	<u><b>BMRA-I014</b></u>	<u>Electronic</u>
<b><u>Process for price validation</u></b>						
<u>3.5.5</u>	<u>Following 3.5.4 or 3.5.8</u>	<u>Compare P<sup>SBR</sup>(s) with System Buy Price(s) for relevant Settlement Period(s)</u>	<u>SAA</u>		<u><b>In accordance with Appendix Y.Y.1</b></u>	<u>Internal</u>
<u>3.5.6</u>	<u>Following 3.5.5</u>	<u>Confirm whether or not P<sup>SBR</sup> = SBP</u>	<u>SAA</u>	<u>BSCCo</u>	<u><b>PAAA</b></u>	<u>Electronic</u>

<u>REF.</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>3.5.7</u>	<u>As soon as possible following 3.5.6</u>	<u>If SAA reports that <math>P^{SBR} \neq SBP</math>, BSCCo will investigate, determine action to take to resolve discrepancy and publish details of discrepancy and (proposed) solution.</u>	<u>BSCCo</u>	<u>BSC Parties</u>	<u>Determine mitigating action(s)</u>  <u>Publish details of discrepancy and any action(s) taken.</u>	<u>Internal</u>  <u>BSC Website, ELEXON Circular</u>

**Appendix X.X – Method for determining a revised BPA**

Pursuant to 3.5., this method describes how BSCCo will calculate a revised Buy Price Adjuster to ensure that Imbalance Prices reflect the value of SBR Actions.

For each SBR Impacted Settlement Period, the following method uses all available and up to date Bid Offer Data, Acceptance data and Balancing Services Adjustment Data:

- Calculate Energy Imbalance Price ( $P^{\text{norm}}$ ) as though no SBR Notice had been received using  $BPA^{\text{TC}}$ ;
- Calculate Energy Imbalance Price ( $P^{\text{SBR}}$ ) taking account of by determining SBR Actions in accordance with SBR Notice and using  $BPA^{\text{TC}}$ ;
- Determine the difference between the two values the imbalance prices calculated including and excluding SBR Action(s):
  - $D = P^{\text{SBR}} - P^{\text{norm}} - P^{\text{SBR}}$ ;
- Determine the revised BPA ( $BPA^{\text{rev}}$ ): by adding D to  $BPA^{\text{TC}}$ 
  - $BPA^{\text{rev}} = BPA^{\text{TC}} + D$ .

**Appendix Y.Y – Controls employed when determining and applying a revised BPA**

BSCCo and its Agents will employ ~~[This includes: Controls, tolerances, monitoring, recording, auditing]~~ controls that ensure the accurate and timely calculation and communication of revised BPAs (and associated information) necessary to ensure that imbalance prices reflect the value of SBR.

This appendix summarises the controls employed by BSCCo and relevant BSC Agents.

**Y.Y.1 -****SAA**

Comparison of prices produced by Central Systems and prices expected by BSCCo

**Y.Y.2 -****BSCCo**

BSCCo shall maintain a Local Working Instruction (LWI) that sets out the roles, responsibilities and processes for ensuring the BSCCo complies with the BSC and this BSCP in relation to ensuring imbalance prices reflect the value of SBR

It will include details that describe:

Record keeping for audit purposes

How and when information and data will be published