Change Proposal – BSCP40/02	CP No: CP1392
	Version No:v0.1 *(mandatory by BSCCo)*

Title *(mandatory by originator)*

BSCP18 Bid-Offer Acceptance Related Data Corrections to the SAA system via Electronic File Transfer method (BMRA-I002) instead of manual Email method (SAA-I033).

Description of Problem/Issue *(mandatory by originator)*

Occasionally, data correction is required in the Settlement Administration Agent (SAA) system. BSCP18[1] defines the process that should be followed when that is done. The settlement data (relating to energy volumes accepted) that requires correction is in the form of a Bid-Offer-Acceptance-Level (BOAL) file.

When Modification Proposal P217[2] was implemented in November 2009, the BOAL file was modified to incorporate a System/Energy Flag and also a Data Amendment Flag (for future use). Since then the files have been named BOALF (Bid-Offer-Acceptance-Level-Flagged).

This Change Proposal (CP) will lead to improvements in the current process by making it more efficient, auditable and less prone to errors. The CP proposes that the Data Amendment Flag be activated a short time after National Grid's Electricity Balancing System (EBS) goes live taking over from the current BM System. This will enable National Grid to carry out data amendment on EBS and send to Balancing Mechanism Reporting Service (BMRS) with the amendment flag set.

The current manual method is inefficient and involves the following:

(1) Search and extract a BOALF text file from a daily saveset (dump of files relating to BM system, Information Provision National Grid Operating Code (GC OC2) data etc) available after a couple of days;

(2) Convert it to a word document and prepare a red-lined amended BOALF file. The amended file then shows:
    (i)   in struck-through red font what has been deleted;
    (ii)   in bold blue font, what new data is replacing what was there previously or completely new data; and
    (iii)   in black font, data remaining unchanged (example provided in Attachment A);

(3) Send file via email to the BMU Lead Party (party) for approval and;

(4) Upon receipt of approval from the party, BOALF file is sent to BSC Service Desk and CGI by 13 working days for implementing the amendment in the SF settlement run.

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[1] BSCP18 - Corrections to Bid-Offer Acceptance Related Data
[2] Revised Tagging Process and Calculation of Cash Out Prices

Proposed Solution *(mandatory by originator)*

This CP proposes that:

(1) The BOA amendment flag, currently not in use, is put into use, so that a change can be easily notified. Instead of the two states (TRUE or FALSE) for the Amendment Flag in the BOALF file, there will be four states as set out below;

(2) The BOA amendment is sent directly from the EBS electronically via FTP to BMRS, overwriting what was there previously. As a result BMRS is always up to date and all changes are transparent to the market;

(3) The advancing of sequence numbers for BOA number for a BMU will be changed to increment by 10 instead of 1 so that BOA insertion can be carried out.

(4) The Amendment Flag should have four states (with a shortened field length of 3 digits), specified below, to clearly signify the type of amendment that is sent (example provided in Attachment B);

   (a) ORIGINAL (ORI) – Default state to indicate no amendment – All BOAs will be this state initially, i.e. Real-time BOAs.

   (b) UPDATE (UPD) – Amendment state to indicate changed data within BOA – Post Event action.

   (c) INSERT (INS) – Amendment state to indicate a missing BOA in Settlement System. Instruction was received by the BMU and was acted upon, but was not sent to Settlement System - Post event action.

   (d) DELETE (DEL) – Amendment state to indicate that the BOA should be taken out of Settlement System. Instruction was not received by the BMU and was not acted upon, but was sent to the Settlement System – Post event action;

(5) BMRA system should be changed to accept BOA amendment via FTP. It is suggested that BMRA-I002[3] flow will be used instead of SAA-I033[4] flow and;

(6) BMRA will send update to SAA-I033.

This CP is <u>not</u> intending to change the following:

As there have been no amendments instigated relating to FPN (Final Physical Notifications), QPN (Quiescent Physical Notification), BOD (Bid-Offer Data) which relate to submitted data by the parties via EDT (Electronic Data Transfer), this proposal only relates to amendment of Bid-Offer Acceptance (BOA) which relates to instructions to parties via EDL (Electronic Data Logger) or telephone and accepted by the parties.

EDT rejects submission with invalid data in file with the rejection reason specified in the reject file sent to the Trading Party, enabling parties to correct and resubmit data. However, following an outage of our system, if EDT was started before outage is finished, then there could result invalid FPN, QPN and BOD in settlement because such data would not be sent to settlement as the system was still out. There has only been one such instance in the early years of NETA go-live. Revised System Outage procedures have led to the elimination of such instances. Therefore it is very unlikely that an incorrect FPN, QPN or BOD is sent to the settlement.

With BOD data it may well be possible for a party to submit an incorrect price data, but unless it is picked up via a BOA instruction it will not be materially significant (not result in settlement error). If

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[3] (input) Balancing Mechanism Data –consists of files, as defined in the NGC tab of the IDD Part 2 Spreadsheet.
[4] (input) Receive Request for Data Change – the System Operator shall send to the SAA and BSCCo requests for data change where it is found that the data originally submitted was incorrect or incomplete.

an incorrect price (erroneous Offer Price or erroneous Bid Price in the Bid-Offer Pair submitted) was picked up via a BOA instruction, the party will be able to raise a Manifest Error claim to redress this. There has only been one such case identified in the early years of NETA go-live[5]

It is possible to arrange FPN, QPN and BOD data amendment to also be sent via suggested BMRAI002 flow but this would require Data Amendment Flag in these files and BSC systems would also require changes to handle this.

As data amendment for FPN, QPN and BOD is very unlikely to be required, it is proposed that this type of data amendment continues to be dealt with the existing SAA_I033 flow.

No change is proposed in relation to the Emergency Acceptance and Emergency Flagged Instructions provided post event.

Party consent will continue to be sought prior to initiating the proposed BMRA_I002. Instead of sending a red-lined proposed BOA amendment, party will be sent the proposed corrected BOA together with the original uncorrected BOA for obtaining their consent.

Justification for Change *(mandatory by originator)*

This CP will improve process efficiency, reduce errors, eliminate calls to BSC Service-Desk and facilitate audit activity at National Grid. It will also complete the process improvements envisaged in CP1286 (approved by the ISG on 26 May 2009 via ISG100/01) and further improve the process by making clear the nature of the correction. It will also be beneficial to BSC parties as BMRS will be up to date with BOALF information.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? *(mandatory by originator)*

BSC Section Q – 'Balancing Mechanism Activities', Sub-section 5 – Balancing Mechanism Bid-Offer Acceptance
BSC Section U – 'Provisions Relating to Settlement', Sub-section 2.5 - Data used in Settlement

Estimated Implementation Costs *(mandatory by BSCCo)*

37 ELEXON man days equating to £8880 and approximately £43,300 for Demand Led system changes.
The total cost to implement CP1392 would therefore be approximately £52,000.

Configurable Items Affected by Proposed Solution(s) *(mandatory by originator)*

BSCP18 – 'Correction to Bid-Offer Acceptance Related Data'

Impact on Core Industry Documents or System Operator-Transmission Owner Code *(mandatory by originator)*

None

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[5] ME012 – 10 January 2002

Related Changes and/or Projects *(mandatory by BSCCo)*

None identified.

Requested Implementation Date *(mandatory by originator)*

Requested implementation for 26 February 2015 as part of the February 2015 BSC Systems Release.

Reason:

BM system is due to be replaced with Energy Balancing System (EBS) in the third quarter of 2014. The proposed changes will therefore be carried out some time after that, giving adequate time for consideration of the change.

Version History *(mandatory by BSCCo)*

v1.0 of CP1392 was issued on 25 June 2013.

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Attachments: Y/~~N~~*

CP1392 Attachment A - BOA amendments - examples for current process *(1 page)*
CP1392 Attachment B - BOA amendments - examples for proposed process *(1 page)*
CP1392 Attachment C - BSCP18_redlined_v0.1 (*2 pages*)
CP1392 Attachment D- NETA IDD Part 2 (spreadsheet) *(1 page)*