

CP1392

About this document:

This is an Assessment Consultation document, which provides details of the background, solution, potential impacts and costs associated with CP1392 '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)'. This document is for information only, to be used in line with the Consultation Response form, to which this document is attached.

1. Why Change?

Background

Occasionally, data correction is required in the Settlement Administration Agent (SAA) system. BSCP18¹ defines the process that should be followed when that is done. The settlement data (relating to energy volumes accepted) that require 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).

What is the issue?

The current process for making BOA related data amendments is a manual process, involving the preparation and sending of emails to effect a change to a BOA. The current method is inefficient and due to its manual nature can be prone to error. The current process involves the following:

- (1) Search and extract the required BOALF text file that requires amendment from a daily save set (a dump of files relating to BM system, Information Provision [National Grid Operating Code \(GC OC2\)](#) data etc) which is available after a couple of days;
- (2) Convert the BOALF text file into 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, the new data that is replacing what was included previously or completely new data; and

¹ 'Corrections to Bid-Offer Acceptance Related Data'

² Revised Tagging Process and Calculation of Cash Out Prices



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- (iii) in black font, data remaining unchanged (an example of the current amendment BOALF amendment approach is provided in Attachment A);
- (3) Send the redlined BOALF file via email to the BM Unit (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 (WDs) for implementing the amendment in the Initial Settlement (SF) run.

CP1392 '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)' was raised on 4 July 2013 by National Grid.

2. Solution

The CP proposes that the data amendment flag in the BOALF file is activated a short time after National Grid's new Electricity Balancing System (EBS) goes live in the late quarter of 2014, taking over from the existing Balance Mechanism (BM) System. This will enable National Grid to carry out data amendments on EBS and send to Balancing Mechanism Reporting Service (BMRS) with the amendment flag set electronically rather than the existing manual process.

This CP proposes that:

- (1) The BOA amendment flag, currently not in use, will be 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 File Transfer Protocol (FTP) to the Balancing Mechanism Reporting System (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 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 four states (with a shortened field length of 3 digits) for the Amendment Flag are specified below. The new states will clearly signify the type of amendment that is sent:
 - (a) ORIGINAL (ORI) – Default state to indicate no amendment – All BOAs will be this state initially, i.e. Real-time BOAs.



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- (b) UPDATE (UPD) – Amendment state to indicate a change to the data within the BOA – Post Event action³.
 - (c) INSERT (INS) – Amendment state to indicate a missing BOA in the Settlement System. Would be used in situations where an 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. Would be used when an 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-I002⁴ flow will be used instead of SAA-I033⁵ flow and;
- (6) BMRA will send an update to SAA-I033.

What are the proposed benefits of enabling BOA amendments to be done electronically?

The Proposer believes that CP1392 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.

Question 1

Do you agree with the proposed change?

Please provide your response and rationale in the response form provided.

3. Impacts and Costs

Potential Central Impacts and Costs

The impacted documents and systems are set out below:

Potential Impacts	
Document Impacts	System Impacts
BSCP18	Balancing Mechanism Reporting Service (BMRS),

³ Changes made to a BOA after the relevant Settlement Period has been completed.

⁴ (input) Balancing Mechanism Data –consists of files, as defined in the NGC tab of the IDD Part 2 Spreadsheet.

⁵ (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.



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Potential Impacts	
Document Impacts	System Impacts
NETA IDD Part 2 spreadsheet	Settlement Administration Agent (SAA)

The estimated ELEXON effort and Demand Led system change costs to implement CP1392 are set out in the table below:

ELEXON Costs		
ELEXON effort	Demand Led System Changes	Total
37 man days equating to £8880	Approximately £43,300 if completed as a standalone release (N.B. the cost may be less if implemented alongside other similar changes).	Approximately £52,000

Potential Party Impacts and Costs

No potential party impacts have yet to be associated with CP1392.

Question 2

Is your organisation impacted? If yes, please answer the following:

Please provide your response and rationale in the response form provided.

Question 3

How is your organisation impacted?

Please provide your response and rationale in the response form provided.

Question 4

What are the associated costs on your organisation to implement this change?

Please provide your response and rationale in the response form provided.



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4. Implementation Approach

CP1392 is targeted for implementation on 26 February 2015 as part of the February 2015 BSC Release.

Question 5

Do you agree with the implementation approach? If not, why?

Please provide your response and rationale in the response form provided.

Question 6

Do you have any other comments?

Please provide your response and rationale in the response form provided.

5. ISG Initial Views

ELEXON presented the New CP Progression paper for CP1392 to ISG at its July 2013 meeting.

An ISG member questioned whether the change would have any impact to Parties and whether the word documents will still be used to confirm any BOA data changes. An ISG member confirmed that CP1392 only involves changes in the communication methods to the SAA.

An ISG member asked about the cost of implementing the changes. ELEXON advised that the cost would be approximately £43,000, which will be treated as BSC costs.

Attachments:

Attachment A – CP1392 form

Attachment B - BOA amendments- current process

Attachment C - BOA amendments - proposed process

Attachment D - BSCP18 redlining v0.1

Attachment E - NETA IDD Part 2 spreadsheet redlining v0.1

For more information, please

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