CP Report – CP1392

Meeting Name	Imbalance Settlement Group
Meeting Date	24 September 2013
Purpose of paper	For Decision
Summary	This report provides details of the background, solution, impacts and industry views of 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).' We invite the ISG to approve the CP for implementation in the February 2015 Release.

1. Why Change

Background

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 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 two 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

(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.

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.

(b) UPDATE (UPD) – Amendment state to indicate a change to the data within the BOA – Post Event action[3].

(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.

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

(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-I002[4] flow will be used instead of SAA-I033[5] 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.

3. Impacts and Costs

Central Impacts and Costs

The following table shows the impacted documents and systems:

Potential Impacts	
Document Impacts	**System Impacts**
BSCP18	Balancing Mechanism Reporting Service (BMRS), Settlement Administration Agent (SAA)
NETA IDD Part 2 spreadsheet	

The table below shows the estimated ELEXON effort and Demand Led system change costs to implement CP1392:

[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.

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**

Participant impacts and costs

The following table summarises the participant impacts associated with CP1392, including those identified in the responses received to the CP Impact Assessment.

Participant Impacts	
Participant Type	**Impacts & Costs**
Data Collectors / Aggregators	No cost.
Distributors	No cost.
Suppliers	Minimal.

4. Implementation Approach

CP1392 is targeted for implementation on 26 February 2015 as part of the February 2015 BSC Release, following the replacement of the BM system with EBS in the third quarter of 2014.

This approach has been taken so that there was adequate time for consideration of the change.

5. ISG Initial Views

ELEXON presented the New CP Progression paper for CP1392 to the ISG at its meeting on 23 July 2013 (ISG147/03). An ISG Member questioned whether the change would have any impact on 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 also 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.

6. Industry Views

We issued CP1392 for CP Impact Assessment via CPC00729. We received eight responses of which four agreed and four were neutral.

The following table shows the breakdown of responses. You can find the full collated participant responses to CP1392 in Attachment E and on the CP1392 page of the BSC Website.

Summary of Responses for CP1392

Organisation	Capacity in which Organisation operates (Supplier, Licenced Distribution System Operator (LDSO) etc.)	Agree?	Impacted?
British Gas	Supplier, Meter Operator Agent (MOA)	Yes	Yes
BGlobal Metering Limited	HHDC, NHHDC, HH Data Aggregator (DA), NHHDA, HHMOA and NHHMOA	Neutral	No
EDF Energy	Supplier, NHHDC, NHHMOA, HHMOA	Yes	No
Electricity North West Limited	LDSO	Neutral	No
Npower	Supplier and Supplier Agents (HH & NHH)	Yes	No
ScottishPower	Generator, Supplier, LDSO, Supplier Agents	Yes	Yes
TMA Data Management Ltd	HHDC, HHDA, NHHDC and NHHDA	Neutral	No
Western Power Distribution	LDSO	Neutral	No

From the consultation responses received, there were two Suppliers who indicated that they would be impacted, however, it was commented that this impact was minimal. No other respondents are impacted by CP1392.

Only two respondents provided comments that the change will allow for more efficient operation in enabling National Grid to carry out data amendments on EBS and send to BMRS with the flag set electronically. One respondent also commented that if the change improves the quality of BOA data held on BMRS, then it could be helpful in investigating any potential discrepancies it finds in its own internal data.

Comments on the Proposed Redlining

No comments were received on the proposed redlined text for CP1392.

7. Recommendations

Assessment review

CP1392 proposes that the automated interface from National Grid to BMRA/SAA should be amended to allow the more efficient and effective automated corrections of Bid Offer Acceptance (BOA) data in the BMRA and SAA databases (once agreed with the Lead Party in accordance with BSCP18), compared to the existing manual method.

No respondents to the CP Impact Assessment disagreed with the CP or the proposed CP1392 Implementation Date.

Recommendation

ELEXON invites the ISG to:

a) **APPROVE** CP1392 for implementation on 26 February 2015, as part of the February 2015 Release; and

b) **AGREE** with the proposed amendments to BSCP18 and NETA IDD Part 2 spreadsheet.

Attachments:

Attachment A – BSCP18 redlining v0.1
Attachment B – NETA IDD Part 2 spreadsheet v0.1
Attachment C – BOA amendments - examples for current process
Attachment D – BOA amendments - examples for proposed process
Attachment E – CP1392 Consultation Responses

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