

CP Assessment Report

CP1488 'Align the NETA IDD spreadsheets with the live implementation of the SAA-I014 flow'

ELEXON



Committee

Imbalance Settlement Group

Recommendation

Approve

Implementation Date

2 November 2017
(November 2017 Release)



Contact

Claire Kerr

020 7380 4293

claire.kerr@elexon.co.uk



Contents

1	Why Change?	2
2	Solution	4
3	Impacts and Costs	5
4	Implementation Approach	5
5	Recommendations	6
	Appendix 1: Glossary & References	7

About This Document

This document is the Change Proposal (CP) Assessment Report for CP1488 which ELEXON will present to the Imbalance Settlement Group (ISG) at its meeting on 27 June 2017. The ISG will consider the proposed solution before making a decision on whether to approve CP1488.

There are three parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach. As this is a Housekeeping Change, it was not previously presented to the ISG for information, or submitted for CP Consultation. Therefore, this document does not include any ISG initial views on the proposed changes and the views of respondents to the CP Consultation.
- Attachments A and B contain illustrations of the NETA IDD Part 1 spreadsheet and NETA IDD Part 2 spreadsheet to deliver the CP1488 solution.

ISG195/04

CP1488
CP Assessment Report

19 June 2017

Version 1.0

Page 1 of 8

© ELEXON Limited 2017

1 Why Change?

Background

P305

As part of the November 2015 BSC Release, Modification [P305 'Electricity Balancing Significant Code Review Developments'](#) implemented the [Electricity Balancing Significant Code Review \(EBSCR\)](#) conclusions ahead of winter 2015/2016.

Because P305 made changes to the calculation of System Prices, it implemented changes to the [New Electricity Trading Arrangements \(NETA\) Interface Definition Document \(IDD\)](#), which included changes to the NETA IDD spreadsheets¹.

What is the issue?

As part of the implementation of P305, ELEXON identified issues with the existing definition of the SAA-I014 'Settlement Reports' flow structure within the NETA IDD spreadsheets, in particular incorrect 'parent'/'child' relationships between certain Groups in the flow's structure – see below for more information. Whilst errors were identified in the spreadsheets, the BSC Central System changes resulting from Modification P305 were implemented correctly and the various versions of the SAA-I014² that are sent by the Settlement Administration Agent (SAA) to BSC Parties, National Grid and ELEXON are correct.

Consequently, the NETA IDD spreadsheets do not match the actual, correct structure of the SAA-I014 flow that is sent by SAA.

In particular, the current version of the NETA IDD Part 1 spreadsheet incorrectly lists the 'BM Unit Bid-Offer Pair Acceptance Volume Data' (BO8) record as a 'sibling' of the 'Bid-Offer Acceptance' (BOA) record, when it should be a 'child' relationship alongside the 'BMU Period Bid-Offer Acceptance Spot Point' (BO5) record.

In addition, the NETA IDD Part 2 spreadsheet incorrectly defines the level for the following groups:

- 'Balancing Services Adjustment Action Data' (DB1);
- 'Trading Unit Period Information' (TRA);
- 'BM Unit Period Information' (BPI);
- 'Maximum Export Limit' (MEL); and
- 'Maximum Import Limit' (MIL).

¹ NETA Interface Definition and Design Part 1 spreadsheet: Interfaces with BSC Parties and their Agents and NETA Interface Definition and Design Part 2 spreadsheet: Interfaces to other service providers.

² Sub-flow 1 (also known as the S0141) goes to individual BSC Parties, and contains information relevant only to that BSC Party. The structure of the current v008 of the S0141 is in rows 343-532 the "SAA" tab of the NETA IDD Part 1 spreadsheet.

Sub-flow 2 (also known as the S0142) goes to National Grid, and contains information relevant to all BSC Parties. It is also available to paying Parties. ELEXON's Trading Operations Market Assurance System (TOMAS) system loads it. The structure of the current v008 of the S0142 is in rows 487-766 of the "SO" tab of the NETA IDD Part 1 spreadsheet.

Sub-flow 3 (also known as the S0143) goes to ELEXON, and contains information relevant to all BSC Parties. ELEXON's TOMAS system loads it. The structure of the current v008 of the S0143 is in rows 281-420 of the "BSCCo Ltd" tab of the NETA IDD Part 1 spreadsheet.



What is a Significant Code Review?

A Significant Code Review is an Authority-led review process on an area of work which the Authority considers:

- has a significant impact on the Authority's principal objective, statutory functions or relevant obligations imposed by European Union law; and in particular:
 - has significant impacts on consumers or competition; and/or
 - has significant impacts on the environment, security of supply or sustainable development; or
- creates significant cross code or cross licence issues.

Upon completion of a Significant Code Review, the Authority may direct the Transmission Company to raise one or more Modifications to progress the conclusions. Such a Modification cannot be refused and cannot be amalgamated or withdrawn without the Authority's consent.

ISG195/04

CP1488

CP Assessment Report

19 June 2017

Version 1.0

Page 2 of 8

© ELEXON Limited 2017

That is, they all need to be dropped down a level so they are all ultimately 'children' of Settlement Period Information (SPI).

ISG195/04

CP1488

CP Assessment Report

19 June 2017

Version 1.0

Page 3 of 8

© ELEXON Limited 2017

Proposed solution

[CP1488 'Align the NETA IDD spreadsheets with the live implementation of the SAA-I014 flow'](#) was raised by ELEXON on 7 June 2017. It proposes to make a Housekeeping Change to correct manifest errors within the NETA IDD Part 1 and NETA IDD Part 2 spreadsheets. This is to ensure that they match the actual, correct structure of the SAA-I014 flow. It will amend how the SAA-I014 flow is documented within the two NETA IDD spreadsheets by correcting the following errors:

- **NETA IDD Part 1 spreadsheet:** Correct the BO8 record so that it is correctly shown as a 'child' of the BOA record alongside the BO5 record, as is the case in the SAA-I014 flow.
- **NETA IDD Part 2 spreadsheet:** Correct the group level for groups DB1, TRA, BPI, MEL and MIL by dropping them down a level to show them as 'children' of the SPI group rather than 'parent groups' alongside SPI, as is the case in the current spreadsheet.

This CP will not change the actual structure of the flows sent by SAA.

Why a Housekeeping CP?

As CP1488 proposes to correct manifest errors within the NETA IDD spreadsheets, we believe that it fits the criteria for a Housekeeping CP. Therefore it should be progressed down the standard Housekeeping CP route, whereby no CP Consultation is required. There are no impacts on BSC Parties, Party Agents or ELEXON to implement the changes and no additional testing is required by ELEXONs Central Systems Service Providers.

Proposer's rationale

The NETA IDD spreadsheets are system artefacts that can be used as schemas for the data flows. Subsequently we believe that any inaccuracy could lead to BSC Parties and other recipients designing their systems incorrectly to send or receive a flow with the wrong structure.

We have received a couple of BSC Service Desk calls from Parties highlighting that the documentation for the SAA-I014 flow does not match that in the NETA IDD spreadsheets. The manifest errors therefore need rectifying as soon as possible to address the inconsistencies and to prevent any further confusion.

Proposed redlining

Attachments A and B contain illustrations of necessary changes to the NETA IDD Part 1 spreadsheet and NETA IDD Part 2 spreadsheet to deliver the CP1488 solution.

As part of the November 2017 Release, the NETA IDD will be amended for [P336 'Fuel types on the BMRS'](#). Therefore the alignment of the NETA IDD Part 1 spreadsheet and NETA IDD Part 2 spreadsheet for CP1488 will be finalised as part of implementing the November 2017 Release. In addition, ELEXON will validate the NETA IDD Part 1 spreadsheet and NETA IDD Part 2 spreadsheet against the SAA-I014 flow to provide additional assurance that the NETA IDD changes correctly reflect the flow.



Housekeeping CP

[Balancing and Settlement Code Procedure \(BSCP\) 40 'Change Management'](#) section 2.2 defines a Housekeeping CP as: "a Change Proposal which, if approved, would result in a Housekeeping Change to one or more Configurable Items in the Baseline Statement."

It defines a Housekeeping Change as: "the correction of manifest errors, minor errors and inconsistencies, including typographical errors (e.g. punctuation errors, spelling mistakes, incorrect font, incorrect capitalisation) incorrect cross-referencing, and the removal of redundant text".

ISG195/04

CP1488

CP Assessment Report

19 June 2017

Version 1.0

Page 4 of 8

© ELEXON Limited 2017

3 Impacts and Costs

Central impacts and costs

Central impacts

CP1488 will require changes to NETA IDD Part 1 spreadsheet and the NETA IDD Part 2 spreadsheet. No system changes are required for this CP.

Central Impacts	
Document Impacts	System Impacts
• NETA IDD Part 1 spreadsheet • NETA IDD Part 2 spreadsheet	<i>None</i>

Central costs

The central implementation costs for CP1488 will be approximately £240 (one ELEXON man day) to implement the relevant document changes.

BSC Party & Party Agent impacts and costs

CP1488 will not impact any BSC Parties or Party Agents as this is a Housekeeping Change

As CP1488 is a Housekeeping CP, it does not require a CP Consultation as there are no impacts or costs on participants to implement the changes.

4 Implementation Approach

Recommended Implementation Date

CP1488 is proposed for implementation on **2 November 2017** as part of the November 2017 BSC Systems Release.

This is the next available Release where the NETA IDD spreadsheets are already being amended as part of implementing P336. For efficiency purposes, it makes sense to also include these changes as part of the same Release.

5 Recommendations

We invite you to:

- **AGREE** that CP1488 is a Housekeeping CP as defined in BSCP40;
- **APPROVE** the proposed changes to NETA IDD Part 1 spreadsheet and NETA IDD Part 2 spreadsheet for CP1488; and
- **APPROVE** CP1488 for implementation on 2 November 2017 as part of the November 2017 Release.

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
BOA	Bid-Offer Acceptance
BSCP	Balancing and Settlement Code Procedure (<i>Code Subsidiary Document</i>)
CP	Change Proposal
CPC	Change Proposal Circular
EBSCR	Electricity Balancing Significant Code Review
IDD	Interface Definition Document (<i>Code Subsidiary Document</i>)
ISG	Imbalance Settlement Group (<i>Panel Committee</i>)
LoLP	Loss of Load Probability
NETA	New Electricity Trading Arrangements
PAR	Price Average Reference
RPAR	Replacement Price Average Reference
RSP	Reserve Scarcity Price
SAA	Settlement Administration Agent
STOR	Short Term Operating Reserve
TOMAS	Trading Operations Market Assurance System
VoLL	Value of Lost Load

Data flows and data items

Data flows and data items referenced in this document are listed in the table below.

Data Flows and Data Items	
Number	Name
SAA-I014	Settlement Reports

Group names in the NETA IDD

Group names in the NETA IDD referenced in this document are listed in the table below.

Data Flows and Data Items	
Number	Name
BO5	BMU Period Bid-Offer Acceptance Spot Point
BO8	BM Unit Bid-Offer Pair Acceptance Volume Data
BPI	BM Unit Period Information

ISG195/04

CP1488

CP Assessment Report

19 June 2017

Version 1.0

Page 7 of 8

© ELEXON Limited 2017

Data Flows and Data Items	
Number	Name
DB1	Balancing Services Adjustment Action Data
MEL	Maximum Export Limit Information
MIL	Maximum Import Limit Information
SPI	Settlement Period Information
TRA	Trading Unit Period Information

External links

A summary of all hyperlinks used in this document are listed in the table below. All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
2	P305 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p305/
2	EBSCR page on the Ofgem website	https://www.ofgem.gov.uk/electricity/wholesale-market/market-efficiency-review-and-reform/electricity-balancing-significant-code-review
2	Interface Definition Documents page on the ELEXON website	https://www.elexon.co.uk/bsc-related-documents/related-documents/interface-definition-documents/
4	CP1488 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1488/
4	BSCPs page on the ELEXON website	https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/2/?show=10&type
4	P336 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p336/