

CP1478 'Automate the loading of the DF Matrix'



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About This Document

This document is the CP1478 Final Change Proposal Report which ELEXON has published following the final decision from the Supplier Volume Allocation Group (SVG) to approve CP1478.

There are three parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach. It also summarises the SVG's views on the proposed changes and the views of respondents to the CP Consultation, along with the final decision on whether to approve this change.
- Attachment A contains the CP1478 proposal form.
- Attachment B contains the approved redlined changes to deliver the CP1478 solution.
- Attachment C contains the full responses received to the CP Consultation.

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6 March 2017

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1 Why Change?

What is the current process?

When the Trading Disputes Committee (TDC) upholds a Trading Dispute, ELEXON informs the Supplier Volume Allocation Agent (SVAA) of the affected Data Aggregators (DAs), Grid Supply Point (GSP) Groups and Settlement Days. This happens on a monthly basis following the TDC meeting through a letter from ELEXON to the SVAA. This letter often includes information on several Trading Disputes.

The SVAA uses the information in the letter to manually create a Dispute Final (DF) matrix (also known as a DF Standing Data Control Matrix), which is uploaded into the SVAA system. This allows DAs which have been involved in a Trading Dispute to submit corrected data for the affected GSP Group(s) for the dispute period. This updated data is then used to perform a Post-Final Settlement Run (PFSR). The SVAA will not accept any data that does not relate to the Trading Disputes that are detailed in the DF matrix (e.g. if it is outside the specified date range).

DA686

Trading Dispute DA686 was caused by a manual error that affected the PFSR for a total of 41 Settlement Days. The error related to the SVAA operator erroneously removing a BSC Party from the standing data table that designated it as operating within the GSP Group. This resulted in Half Hourly (HH) consumption being understated by 144,000 MWh, causing Non Half Hourly (NHH) Suppliers to be charged significantly higher Trading Charges (as a result of GSP Group Correction). ELEXON calculated the total materiality of the Trading Dispute to be over £6 million.

What is the issue?

The current data input process is manual and prone to human error. Errors such as those that led to DA686 would be less likely with an automated data input process.

Proposed solution

ELEXON raised [CP1478 'Automate the loading of the DF Matrix'](#) on 22 November 2016. The CP proposes that ELEXON will provide an input file for the SVAA with the required information for the DF matrix. This will replace the current letter. The SVAA will load the input file directly into the system automatically updating the DF matrix. This will replace the current manual entry process of inputting the DF matrix into the system. However, it will remain possible for an operator to manually edit the data in the rare instances that may require such intervention. The input file will also be able to facilitate blanket NHH runs when all NHHDA's are authorised to submit PFSR files for all GSP Groups and Settlement Days. All existing functionality relating to the subsequent handling of this data, once loaded, will be unchanged by this CP's solution.

ELEXON will introduce a new internal process to ensure sufficient checks and reviews of the file are conducted before it is sent to the SVAA.

Proposer's rationale

Automating the loading of approved Trading Dispute information into the SVAA system will reduce the risk of errors entering Settlement as a result of human error when the DF matrix is manually updated. This will prevent the need for further action to correct such errors and avoid the impacts these errors have on participants.

Proposed redlining

The proposed redlining to the SVAA User Requirements Specification (URS) to deliver CP1478 can be found in Attachment B.

3 Impacts and Costs

Central impacts and costs

Central impacts

CP1478 will require changes to the SVAA system to be able to implement the proposed solution. This CP will also require updates to the SVAA URS. The proposed document changes can be found in Attachment B. The lower-level SVAA system documentation will be updated as part of the implementation of this CP.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">SVAA User Requirements Specification	<ul style="list-style-type: none">SVAA

Central costs

The central implementation costs for CP1478 will be approximately £21,000. These costs are required to develop, test and deploy the SVAA system changes, as well as for implementing the changes to ELEXON's internal processes and the relevant document changes.

BSC Party & Party Agent impacts and costs

The Consultation found that there are no impacts or costs to BSC Party or Party Agents. However, we do expect this change to reduce the risk of errors occurring and the number of Trading Disputes, which would be of benefit to Parties and Party Agents.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
-	No BSC Party or Party Agent impacts

4 Implementation Approach

Recommended Implementation Date

CP1478 is proposed for implementation on **2 November 2017**, as part of the November 2017 BSC Release. This is the next appropriate Release that this change can be included in.

SVG's initial views

CP1478 was presented to the SVG at its meeting on 6 December 2016 ([SVG190/04](#)).

An SVG Member commented that the proposed solution was a sensible precaution, and would be inexpensive compared to the materiality of potential errors.

6 Industry Views

This section summarises the responses received to the CP Consultation. You can find the full responses in Attachment C.

Summary of CP1478 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1478 proposed solution?	3	0	0	0
Do you agree that the draft redlining delivers the intent of CP1478?	2	0	1	0
Will CP1478 impact your organisation?	0	3	0	0
Will your organisation incur any costs in implementing CP1478?	0	3	0	0
Do you agree with the proposed implementation approach for CP1478?	2	1	0	0
Do you have any further comments on CP1478?	0	3	0	0

We received three responses to the CP Consultation. All respondents agreed with the proposed solution, which will not impact their organisation or incur them any costs. Two of the respondents agreed with the implementation approach, however, the other respondent would like it implemented sooner and if possible in June because the risk it addresses is substantial. ELEXON notes that November is the earliest appropriate date possible due to the implementation lead time that SVAA needs and the desire to implement it along with [CP1484 'Introduction of Additional SVAA Validation at SVA Run time'](#).

Comments on the proposed redlining

There were no comments on the proposed redlining.

SVG's final views

The SVG considered CP1484 at its meeting on 28 February 2017 ([SVG193/05](#)). SVG believes this will solve the issue and hence improve the BSC baseline and so approved CP1478.

One SVG member did, however, ask if this could be implemented sooner, perhaps in the June 2017 release. ELEXON explained that the implementation date for this CP has been chosen to align with CP1484 as they both require modifications to the SVAA system. The SVG member agreed with this reasoning.

Final decision

The SVG has:

- **APPROVED** the proposed changes to the SVAA URS for CP1478
- **APPROVED** CP1478 for implementation on 2 November 2017 as part of the November 2017 BSC Release.

Appendix 1: Glossary & References

Acronyms

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

Acronyms	
Acronym	Definition
CP	Change Proposal
CPC	Change Proposal Circular
DA	Data Aggregator (<i>Party Agent</i>)
DF	Dispute Final
GSP	Grid Supply Point
HH	Half Hourly
NHH	Non Half Hourly
PFSR	Post-Final Settlement Run
SVAA	Supplier Volume Allocation Agent (<i>BSC Agent</i>)
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)
TDC	Trading Disputes Committee (<i>Panel Committee</i>)
URS	User Requirements Specification

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
3	CP1478 webpage	https://www.elexon.co.uk/change-proposal/cp1478/
5	SVG 190 meeting webpage	https://www.elexon.co.uk/meeting/svg-190/?from_url=https://www.elexon.co.uk/events-calendar-item/svg-190/
8	SVG193 meeting webpage	https://www.elexon.co.uk/meeting/svg-193/?from_url=https://www.elexon.co.uk/events-calendar-item/svg-193/
7	CP1484 webpage	https://www.elexon.co.uk/change-proposal/cp1484/

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