

## CP1478 'Automate the loading of the DF Matrix'



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### About This Document

The purpose of this CP1478 Change Proposal (CP) Consultation is to invite BSC Parties, Party Agents and other interested parties to provide their views on the impacts and the merits of CP1478. The Supplier Volume Allocation Group (SVG) will then consider the consultation responses before making a decision on whether or not 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 initial views on the proposed changes.
- Attachment A contains the proposed redlined changes to deliver the CP1478 solution.
- Attachment B contains the specific questions on which we seek your views. Please use this form to provide your response to these questions, and to record any further views or comments you wish to be considered.

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# 1 Why Change?

## What is the current process?

When the Trading Dispute 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 144,000MWh, causing Non-Half Hourly (NHH) Suppliers to be charged significantly higher Trading Charges. 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.

#### CP Consultation Question

Do you agree with the CP1478 proposed solution?

*Please provide your rationale.*

We invite you to give your views using the response form in Attachment B

### Proposed redlining

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

#### CP Consultation Question

Do you agree that the draft redlining delivers the CP1478 proposed solution?

*If 'No', please provide your rationale.*

We invite you to give your views using the response form 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 changes can be found in Attachment A. 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"><li>SVAA User Requirements Specification</li></ul>	<ul style="list-style-type: none"><li>SVAA</li></ul>

##### 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

We do not expect any direct impacts or costs on BSC Parties or Party Agents and seek confirmation of this through the CP Consultation. However, we do expect this change to reduce the risk of errors and subsequent 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

#### CP Consultation Questions

Will CP1478 impact your organisation?

*If 'Yes', please provide a description of the impact(s) on your organisation and any activities which you will need to undertake between the approval of CP1478 and the CP1478 Implementation Date (including any necessary changes to your systems, documents and processes). Where applicable, please state which of the roles that you operate as will be impacted and any differences in the impacts between each role.*

Will your organisation incur any costs in implementing CP1478?

*If 'Yes', please provide details of these costs, how they arise and whether they are one-off or on-going costs.*

We invite you to give your views using the response form in Attachment B

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## 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 available Release that this change can be included in.

#### CP Consultation Question

Do you agree with the proposed implementation approach for CP1478?

*Please provide your rationale.*

We invite you to give your views using the response form in Attachment B

## 5 Initial Committee Views

### SVG's initial views

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

The SVG had no specific comments or questions on CP1478 but were broadly supportive of intent of the CP to reduce errors in Settlement.

## 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	<a href="https://www.elexon.co.uk/change-proposal/cp1478/">https://www.elexon.co.uk/change-proposal/cp1478/</a>
5	SVG 190 meeting webpage	<a href="https://www.elexon.co.uk/meeting/svg-190/?from_url=https://www.elexon.co.uk/events-calendar-item/svg-190/">https://www.elexon.co.uk/meeting/svg-190/?from_url=https://www.elexon.co.uk/events-calendar-item/svg-190/</a>