

CP1418 ASSESSMENT CONSULTATION

About this document

This is an Assessment Consultation document, which provides details of the background, solution, potential impacts and costs associated with [CP1418 'Validation of D0041 flows'](#). 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?

Trading Dispute DA628: duplicate rows in a D0041 flow

Trading Dispute DA628 was raised following seven erroneous [D0041 'Supplier Purchase Matrix Data File'](#) data flows being produced by a Non Half Hourly (NHH) Data Aggregator (DA). These erroneous submissions contained duplicated rows of Profile Class (PC), Distributor, line loss factor class (LLFC), Standard Settlement Configuration (SSC), and time pattern regime (TPR). This duplication caused consumption to be overstated in excess of 30GWh at the Post-Final Reconciliation Run (DF) in seven Grid Supply Point (GSP) Groups. Trading Dispute DA628 was upheld by the Trading Disputes Committee (TDC) ([TDC186](#)) and rectified via an Extra-Settlement Determination (ESD). The total materiality of the ESD came to approximately £1m and impacted the Trading Charges of 75 Trading Parties.

It was identified that this issue was caused by the NHHDA in question making manual amendments to their systems, causing an aggregation run to be performed twice for the same Settlement Date and Settlement Run Type. This resulted in two rows being inserted into the erroneous D0041 flow for each impacted PC/Distributor/LLFC/SSC/TPR combination, but with differing consumption values and Metering System Identifier (MSID) counts due to the aggregation runs that caused the duplication being performed at different times.

What is the issue?

D0041 flows should never contain duplicate PC/Distributor/LLFC/SSC/TPR rows. However, both the NHHDA and the Supplier Volume Allocation Agent (SVAA) systems supported the creation and processing of these erroneous files, which allowed the erroneous volumes to enter into Settlement. This error highlights a limitation in both systems for permitting the creation and processing of the files. Additional validation checks are required to ensure that this issue does not arise again.

2. Solution

Proposed solution

CP1418 proposes to produce a temporary staging table within the SVAA system when it is processing individual D0041 flows. This temporary staging table will create a unique record for all PC/Distributor/LLFC/SSC/TPR rows loaded. If a duplicate PC/Distributor/LLFC/SSC/TPR row is inserted into the table, an error message will be produced and the file will fail processing. Upon failure, the error log will detail the reason for the failure. The SVAA will then contact the originating NHHDA for the D0041 flow and advise the reason for the failure.

Whilst the SVAA system did not play a part in the creation of the erroneous D0041 flows, it was the system used to load the files following their creation. When loading the erroneous D0041 flows, no warning messages were raised stating that duplication of PC/Distributor/LLFC/SSC/TPR combinations existed within the files. This has highlighted a lack of validation within the SVAA system.

CPC Consultation question

Do you agree with the proposed change?

Please provide your rationale.

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3. Impacts and costs

Central impacts and costs

CP1418 will require updates to be made to the SVAA systems to implement the proposed changes. This CP will also require updates to the SVAA User Requirements Specification (URS) to implement the proposed solution, and you can find the proposed changes 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 URS	<ul style="list-style-type: none">SVAA

The central implementation costs for CP1418 will be approximately £33k. These costs are required to develop, test and deploy the changes to the SVAA systems as well as for ELEXON to implement the relevant document changes.

BSC Party & Party Agent impacts

This solution will only impact the SVAA systems and will not affect the D0041 flow itself. CP1418 is therefore not expected to impact any BSC Parties or Party Agents; however, we seek confirmation if this is not the case.

BSC Party & Party Agent impacts	
BSC Party/Party Agent	Impact
-	No BSC Party or Party Agent impacts are anticipated

CPC Consultation question

Is your organisation impacted?

If 'yes', please answer the following questions:

(a) How is your organisation impacted?

Please provide a description of the impact(s) on your organisation and any activities which you will need to undertake between the approval of CP1418 and the CP1418 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.

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

Please provide details of these costs, how they arise and whether they are one-off or on-going costs.

4. Implementation approach

Proposed Implementation Date

CP1418 is proposed for implementation on **26 February 2015** as part of the February 2015 BSC Systems Release.

The lead time required to implement CP1418 is 13 weeks. The February 2015 Release is therefore the earliest Release that this CP can be included in.

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CPC Consultation question

Do you agree with the implementation approach?

Please provide your rationale.

5. SVG's initial views

The Supplier Volume Allocation Group (SVG) considered the proposed solutions to the issue of erroneous D0041 flows at its meeting on 3 June 2014 ([SVG160/02](#)). When considering this issue, the SVG also considered a solution that would make changes to the NHHDA systems to prevent erroneous rows from being produced. While the central impacts and costs for this option would be less than for the proposed solution, there would be participant impacts and costs. The SVG therefore considered that the proposed amendments to the SVAA systems would be the more pragmatic option to resolve this issue, and requested that this CP be raised to progress the agreed solution.

Appendices

None

Attachments

Attachment A: CP1418 Proposal Form v1.0

Attachment B: SVAA URS proposed redlining v0.1

For more information, please contact:

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