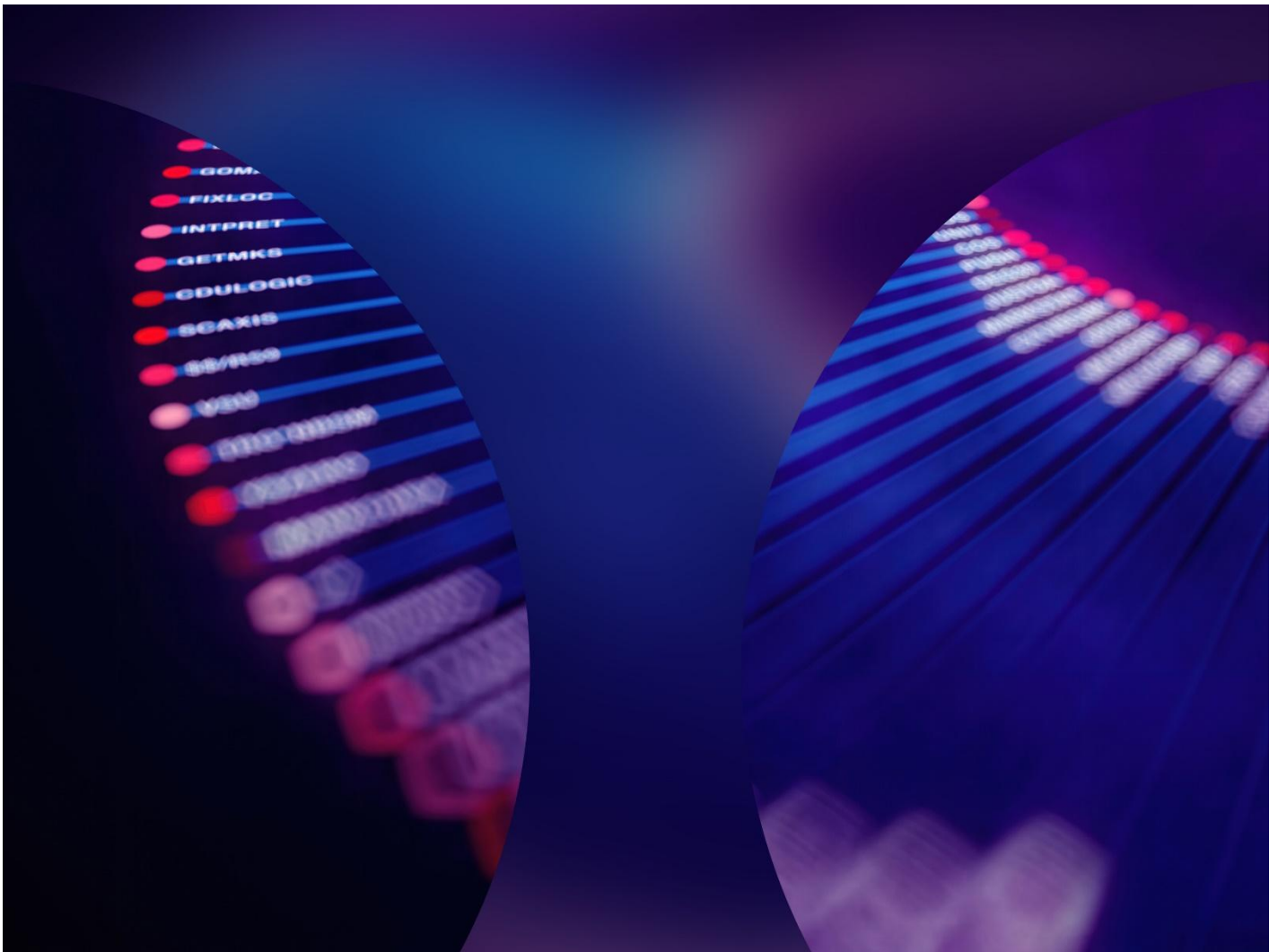


DIP CR 0016 'Implementation of the data refresh message to ensure alignment of the MHHS design' Initial Assessment

Public

Assessment

Document owner	Document number	Date	Document status
DIP Manager	1.0	23 March 2026	Public



ELEXON

Summary

About this document

You can find the definitions of the terms and acronyms used in this document in the [DIP Glossary](#)¹.

This document provides information on a DIP CR. It provides an assessment of the proposed change and its progression.

There are three parts to this document, which are:

- This document. It is the main document providing insight into the change, solution, and progression.
- **Attachment A** contains the DIP CR Proposal Form.
- **Attachment B** contains the proposed DIP message specifications.

Executive summary

The Balancing and Settlement Code (BSC) Company (BSCCo) has raised, consulted, and determined a new [Change Proposal \(CP\) 1607 'Implementation of the data refresh message to ensure alignment of the MHHS design'](#) (hereafter CP1607) via their Panel and its Committees (Supplier Volume Group (SVG), Imbalance Settlement Group (ISG), and the BSC Performance Assurance Board (PAB)) to implement a new DIP Message¹ that will support a data refresh message after a data-impacting incident.

To support the implementation of this message, the DIP Manager has updated the DIP Swagger² to include the new DIP Message introduced by CP1607. This DIP Change Request (CR) outlines the BSC CP1607 and describes the actions taken by the DIP Manager to support its implementation, which is scheduled³ as part of the [BSC June 2026 Release](#).

	Impacts	Explanation
DIP Users	Positive	The new DIP Message will support bulk refreshes of data after a data incident.
DIP Manager	Netrual	Netrual
DIP Rules	Netrual	Netrual
DIP objectives	Netrual	Netrual
Industry Codes	Positive	Supports other industry codes and their interaction with the DIP and messages they own.
Cost	Netrual	The BSCCo developed this change. It was estimated to cost £450k.
Change Tier	Netrual	DSD004, DIP Change and Document Management, 2.13 DIP Message definition changes details that DIP Message CRs cannot be decided upon by the DIP Manager and/or the DIP Change Advisory Board (DCAB). Thus, do not have a Change Tier.

¹ A DIP Message is a flow containing an event or a message sent using the DIP.

² Used to describe and document RESTful APIs, where the DIP Swagger specification defines a set of files required to describe such an API.

Overview

Background

In 2023, a data incident affected the Central Switching Service (CSS), which is managed by the Data Communication Company (DCC). This disruption impeded supplier switching—the process by which customers change from one supplier to another—and it hindered the registration process for approximately 200,000 customers. Consequently, settlement systems that rely on information from the CSS were also impacted, as it serves as the primary source for supplier registration. This disruption resulted in a backlog of work and increased operational costs while the issues related to supplier switching disputes were resolved.

What is the issue?

There is currently no established mechanism for realigning data among different services, including the Supplier Registration Service (SMRS), the Data Integration Platform (DIP), the Energy Enquiry Service (EES), and the Market-wide Data Service (MDS), in the event of a major incident that affects data quality. This lack of a mechanism poses a problem because the information used across these services supports the DIP and is essential for determining Meter Point Administration Number (MPAN) ownership, as well as the Consumption Component Class (CCC), both of which are crucial for ensuring settlement accuracy. Additionally, the EES serves as an important reference point for other market participants. A significant data misalignment event would likely cause considerable impacts, affecting core industry processes.

Solution

CP1607 details the solution as:

- “This CP proposes to implement a new DIP message - IF-0XX 'Data Refresh' (the actual DIP message number will be allocated in the implementation phase of this CP, subject to its approval). This would be generated by the SMRS, when required, and passed to the DIP and/or EES and/or MDS to enable data resetting or realignment between these systems. The new message would be exchanged via the DIP or, if required, using native JSON files secured via password-protected ZIP files exchanged directly. The refresh flow would be issued to an individual party or all parties, depending on the incident. For this CP, any use of the refresh flow, its exchange mechanism, and processing timescales would be agreed bilaterally between the SMRS and the recipient(s), considering the incident's nature and the wider coordinated industry response. The new 'refresh' message is intended for the bulk correction of data following a data-impacting incident. Day-to-day operational correction of individual MPAN discrepancies would continue to be resolved on a case-by-case basis, using existing MHHS Design guidance and mechanisms. The current view is that Suppliers, Data Services, and Metering Services would obtain the refreshed data from EES, using existing functionality. Enabling market participants to access refreshed data following major data misalignment incidents.”

Proposers rationale

CP1607 details the rationale as:

- “Currently, no defined mechanism exists to re-establish data consistency during misalignments between the SMRS and other central parties (DIP, EES, and MDS). To minimise the risk of extended correction periods following significant data misalignment events, the Proposer aims to establish an agreed-upon refresh message. This initiative is intended to expedite the data realignment process and accelerate the restoration of normal system operations after such incidents. Furthermore, this solution proposal was originally made under the MHHS Programme governance. Change Request (CR) 044 was rejected on the basis that it was not needed for MHHS go-live and that there was insufficient time to implement it. However, the Programme and Market Participants were supportive of the change. It was a matter of 'when, not if.'”

Proposers red-lining

DIP CR 0016 'Implementation of the data refresh message to ensure alignment of the MHHS design' Initial Assessment

There are no red-lined changes to the DIP Rules associated with this DIP CR. Rather, the message specifications for the new DIP Message are within **Attachment C**.

DIP Manager Actions

The DIP Manager has supported the development of CP1607 by amending DIP Swagger.

Impacts, benefits, and risks

Impacts

A key risk is that without a formal data refresh process, major data misalignment incidents could cause long operational delays, incorrect settlement calculations, and increased costs for market participants. There is also a risk that implementation could require additional resources and system changes, which may affect project timelines.

Benefits

The main benefit is improved data accuracy and faster recovery from major incidents. The solution would reduce operational disruption, improve market confidence, and provide a clear process for correcting large-scale data errors. This would also improve the overall reliability of market systems.

Risks

Long term, it should reduce operational risks and costs.

Affected party/area	Impact, benefit, or risk	Explanation
DIP Rules	Neutral	Describe impact, benefit, or risk
DIP System	Positive	Support data alignment after a manager data incident.
DIP User	Positive	Support data alignment after a manager data incident.
DIP Manager	Neutral	Describe impact, benefit, or risk
DIP Service Provider	Neutral	Neutral
Industry Codes	Positive	Support data alignment after a manager data incident.
DIP Manager Cost	Neutral	Describe impact, benefit, or risk
DIP User Cost	Neutral	Describe impact, benefit, or risk
Applicable DIP Objective (a)		
<ul style="list-style-type: none"> Provide accurate and timely support for the sharing of applicable market data. 	Neutral	Neutral
Applicable DIP Objective (b)		
<ul style="list-style-type: none"> Further consumer interests through the appropriately governed sharing of data. 	Neutral	Neutral
Applicable DIP Objective (c)		
<ul style="list-style-type: none"> Facilitate competitive change and innovation through the efficient and economic delivery of reliable and adaptable services. 	Neutral	Neutral

DIP CR tier, progression, and implementation/recommendation

Change Tier

Tier	Criteria	Explanation
Tier 1	<ul style="list-style-type: none"> an implementation cost greater than £500,000 for the DIP Manager and/or £250,000 for DIP Users; placing new obligations on DIP Users and/or the DIP Manager that will require a change to the DIP User's business operating model; an Implementation Date will be more than 24 months after the date on which the decision is made. 	N/A
Tier 2	<ul style="list-style-type: none"> All other changes 	N/A

Progression timeline

Event	Date
Initial Assessment published	23/03/2026
Final Assessment published	23/03/2026

Implementation

The DIP Manager has amended DIP Swagger. The CR will be implemented once CP1607 is implemented, which is likely as part of the June 2026 Standard Release for the BSC. However, if there are any changes to this data, the DIP Manager will work with those leading CP 1607 and any associated changes, such as CP 1629, to align the implementation of this change.