

<p align="center">Change Proposal – BSCP40/02</p>	<p>CP No: <i>Version No: 1.0</i> <i>(mandatory by BSCCo)</i></p>
<p>Title (mandatory by originator)</p> <p>Introducing Data Transfer Catalogue (DTC) flows to transfer UMS Summary Inventories and Control files</p>	
<p>Description of Problem/Issue (mandatory by originator)</p> <p>Unmetered Supplies (UMS) inventories contain the details of UMS apparatus connected to the distribution network. This data is passed from the customer to the Unmetered Supplies Operator (UMSO). The UMSO summaries this data and passes it to the Meter Administrator (MA).</p> <p>BSCP520 ‘Unmetered Supplies Registered in Supplier Meter Registration Service (SMRS)’ requires the passing of Summary Inventories and Central Management System (CMS) Control Files by electronic, or by other agreed method. This process does not support efficient automation through the use of a data flow.</p> <p>There is currently no automated communication method of these files for existing Half Hourly Metering System Identifiers (MSIDs),, and email is often used to transmit the files.</p> <p>The Unmetered Suppliers User Group (UMSUG), and a sub-group has considered this issue. At its meeting in December 2020, the UMSUG agreed to recommend to the Supplier Volume Allocation Group (SVG) that a BSC Change Proposal (CP) be raised to implement a revised approach to the interface for provision of this data.</p> <p>Elxon are raising the Change Proposal (CP) on behalf of UMSUG who have reviewed the draft dataflows.</p>	
<p>Proposed Solution (mandatory by originator)</p> <p>The UMSUG recommended that two new mandatory dataflows should be sent over the Data Transfer Service (DTS). The two dataflows proposed are:</p> <ul style="list-style-type: none"> • A UMS Inventory, sent from the UMSO to MA; and • A UMS Response which would be sent from the MA to the UMSO to confirm successful processing or rejection. <p>Associated changes to BSCP520 are required to support the use of the new dataflows and remove redundant text.</p>	

As part of the UMSUG consideration, the design of the DTC flows and data items was considered and agreed drafting developed.

Governance

As the Master Registration Agreement (MRA) is transitioning into the Retail Energy Code (REC) the drafting of the dataflows will be consulted on through the BSC consultation for this CP, with approval coming after 1 September 2021 (post REC go-live). As the BSC CP will be approved after 1 September 2021, Gemserv will be able to use the BSC approval (subject of course to the CP being approved) as the mandate to implement the dataflows by the approved BSC CP Implementation Date.

This change will also reinstate the footnote to the bottom of section 3.11.4 which had previously been deleted as a manifest error in CP1536.

Justification for Change (mandatory by originator)

The benefits are:

- Utilise the DTS as a secure, confidential and auditable communication method;

An increasing number of large lighting authorities are using CMS equipment which requires the use of the CMS Control file. This can be from a few thousand to 150,000 rows long, which becomes a significant sized email. Whilst the information is not currently regarded as personal, using a formal industry recognised data exchange is more secure and auditable, in the event of data loss between parties.

- Automate the processing of information;

Automation of the data processing enables reduced staff involvement and more consistent data provision. It also allows for faster exchange of information allowing staff to focus on resolving exceptions rather than the routine tasks.

- Improve the consistency and accuracy of information exchanges;

The DTS enables automation of generation and receipt of data. Emails tend to require human intervention which is prone to error and omission.

- Support the future increase in numbers of Half-Hourly (HH) Meter Point Administration Numbers (MPANs);

The numbers of UMS Half hourly MPANs has increased in recent years including as a result of the [March 2020 Panel meeting 300](#) decision in respect in over 100kW unmetered supplies, where the BSC Panel agreed that Suppliers and UMSOs identify all the over 100kW unmetered supplies and put in place an action plan to migrate those supplies to half hourly settlement with a backstop of April 2021, including a robust strategy for communicating with customers.

The number of updated Summary Inventories and CMS Control Files has increased for all UMS customers as they upgrade and improve the efficiency of the unmetered equipment.

Averaging at 10-11 updates per MSID per year, with several hundred HH MSIDs, and nearly 30,000 NHH MSIDs per year.

The transition to Market-wide Half Hourly Settlement (MHHS) arrangements (if progressed) will lead to increased number of MSIDs trading HH. This change is intended to future proof the passing of Inventory data from the UMSO to the MA (future Unmetered Supplies Data Service (UMSDS)).

- Provide a positive acknowledgment that the inventory has been processed or rejected, with reasons;

The larger UMSOs are using systems which are already able to send/receive flows for the Non-Half Hourly (NHH) market across the DTS, modifying the system to send/receive for the HH market is a natural extension. An automated response flow will be able to highlight reasons for rejection.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? (mandatory by originator)

[Section S – Supplier Volume Allocation](#)

Estimated Implementation Costs (mandatory by BSCCo)

Less than £1k of effort to implement the necessary document changes.

BSC Configurable Items Affected by Proposed Solution(s) (mandatory by originator)

[BSCP520 – Unmetered Supplies Registered in SMRS](#)

Impact on Core Industry Documents or System Operator-Transmission Owner Code (mandatory by originator)

Two new DTC dataflows and associated data items to be implemented under REC governance. No REC change will be needed as this change is scheduled to be approved after September 2021.

Related Changes and/or BSC Releases (mandatory by BSCCo)

None

Requested Implementation Date (mandatory by originator)

24 February 2022 (February 2022 BSC Release)

Reason:

This is the next available Release. We believe this would allow sufficient time for UMSOs and MAs to consider and implement the change, although we will validate this approach via the CP Consultation.

Version History (mandatory by BSCCo)

V1.0

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Attachments: Yes (Draft red-lining for BSCP520 changes, Proposed UMS Inventory DTC flow, Proposed UMS Response DTC flow, Proposed Additional DTC data items)