

## UMSUG paper – UMS Inventory

### 1. Purpose

This document is highlighting a change being proposed to the MRA to amend the DTC to allow for the exchange of inventory data via two new DTC flows. BSCP520 would need modification to reflect the use of the new flows.

An initial proposal was debated at the UMSUG in March 2019, August 2019 and September 2020. It was followed by two workshops, one in October 2020 another in November 2020, this paper takes account of the feedback from those discussions.

### 2. Background

Currently the Inventory and Control files are defined in BSCP520 and sent by email attachment. As part of this interaction various validation and sanity checks are performed by the Unmetered Suppliers Operator (UMSO) & Meter Administrator (MA). These exchanges are manual which involve significant time/effort, are prone to failures/errors, and take time before settlement correctly reflects the revised customer inventory. This has an impact on Supplier/Customer billing, which can see multiple retrospective amendments.

IDNO UMSOs are not currently directly engaged in provision of information to MAs as they are able to have their inventories combined with the incumbent DNO inventory.

### 3. Proposed change

The proposed MRA changes are to:

- Introduce a DTC flow for the UMSO to submit the UMS Inventory to the MA
- Introduce a DTC flow for the MA to respond to the UMSO

The benefits are:

- Utilise the DTS as a secure, confidential and auditable communication method
- Automate the processing of information
- Improve the consistency and accuracy of information exchanges
- Support the future increase in numbers of HH MPANs
- Provide a positive acknowledgment that the inventory has been processed or rejected, with reasons

The feedback from discussions has been positive about the proposal to introduce DTS flow, discussion has focused on aspects of detail of the flow design. Some detail has been clarified and the attached documents updated to include revised data items and flow definitions. The explanatory document has been revised to reflect the questions and issues raised through discussion.

The discussion has flushed out some related issues which are dealt with in separate UMSUG papers:

- the 'optional' validation rules for small CMS which are with the UMSO not the MA,
- the creation of Charge Code zero watt item, to enable a submeter to have zero energy associated with it for a period time, and
- the creation of distinct Charge Code range for Festive lighting.

## 4. Feedback on Workgroup discussion

The workgroups in October and November 2020 led to some actions:

- DTC constraint on size of files. There is no constraint on the size of files passed over the DTN. The reference to 2000 rows is in the context of an SLA, in that smaller files are assured to be at the destination within the SLA, larger files may take longer depending on the network traffic. This is not seen as a concern.
- Separation of acceptance and reject dataflows – Outcome of discussion was to combine the flow as there is the ability to separate out the acceptances & rejections on receipt by the UMSO
- Definition of Effective from Date – this has been updated and included in the attached documents
- CMS & non-CMS case sensitivity – The proposed design proposes continuing with this convention
- ENWL & Amey Metering – action on ELEXON
- Scottish Power & Northern Power Grid – SP supportive of using a dataflow. Northern Power Grid, supportive if the proposals support Market Wide HH Settlement

The only outstanding issue is whether to require all the sub-meter information to be included in each submission, or only those that are changed. This is further described as Option 1 and 2 in the Commentary paper, section 3.

## 5. Recommendation

The UMSUG is invited to:

- **Determine** which option to use as described in the commentary paper, and
- **Recommend to SVG** that a BSC CP is raised to change BSCP520 and to create two new dataflows through a MRA (or REC) change to the DTC to support Inventory communication.

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27<sup>th</sup> Nov 2020