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## New UMSO and MA DTN Flows

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### Unmetered Supplies User Group

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Date of meeting **16 December 2020**

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Paper number **130/01**

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Purpose of paper **Decision**

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Classification **Public**

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Document version **V1.0**

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Summary **This paper provides the Unmetered Supplies User Group (UMSUG) with an update on the progress of new Data Transfer Network (DTN) Flows between Unmetered Supplies Operators (UMSO) and Meter Administrators (MA). This paper also invites the UMSUG to decide whether an inventory file should include multiple Sub-Meters or not.**

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### 1. Background

- 1.1 At the August 2019 UMSUG meeting, a paper (UMSUG126/07) proposed two new data flows to be added to the Data Transfer Catalogue (DTC) that would enable Unmetered Supplies Operator (UMSO) and Meter Administrators (MA) to exchange inventory data.
- 1.2 Inventory and Control files are currently sent by email attachment as defined in BSCP520. These files are validated by UMSOs and MAs manually, which requires substantial time and effort to validate and are also prone to human error. The new flows seek to automate this process and improve efficiency and accuracy of inventory and control file validation.
- 1.3 An action was raised during the meeting (126/01) for Elexon to arrange an industry workshop to further refine and optimise the design of the new flows.

### 2. Workgroup Meetings Summary

- 2.1 In October 2020, Elexon hosted the first of two workgroups. The workgroup went through in detail the structure of the flows and the details of the data items included. The minutes from the first workgroup meeting are available in Attachment A.
- 2.2 Following the first workgroup meeting, a number of changes and clarifications were made to the proposal. The main changes included the addition of two data items ('CMS Indicator' and 'UMS Error Code'), and a clarification of domains for Codes and their structure.
- 2.3 Alongside the changes and clarifications, additional questions were posed to the workgroup for discussion. These questions arose from the new additions and amendments to existing points in the proposal. The workgroup went through these questions in the second workgroup meeting. The points discussed and the workgroups views are outlined in the minutes from the second workgroup, available in Attachment B.
- 2.4 Following the second workgroup meeting, further amendments were made to the proposal documentation. These changes incorporated comments and feedback from the workgroup. The latest version of the proposal documentation is available in Attachments C-F.
- 2.5 Currently, the workgroup is satisfied with the proposal and details, aside from one outstanding point that seek UMSUG clarification, whether the new DTN flows should either:

a) Include the information for all sub-meters whenever a new update is sent, with a single effective from date covering all sub-meters; or

b) Each sub-meter is treated separately, each with its own effective from date.

2.5.2 During the workgroup, members discussed the benefits of each option. If the information for all sub-meters is included, then there will only need to be one file submitted each time and therefore provide a single source for submission and validation. However, some members noted that including data that has not changed since the previous submission is an unnecessary increase to the file size. Due to DTN service costs increasing based on the amount of data sent over the DTN, increased file sizes that include unchanged information could be considered expensive and unnecessary.

2.5.3 The UMSUG is invited to discuss the latest version of the proposal documentation, and decide whether all sub-meters should be included per flow, or just one sub-meter per flow.

### 3. Next Steps

3.1.1 Once the UMSUG has confirmed they are satisfied with the current proposal and decided on an approach for the amount of sub-meters included in the flow, a new version of the documentation will be drafted with the changes reflected. This latest version will be distributed to both workgroup and UMSUG members. This version will be used to progress the implementation of the new DTN flows.

3.1.2 Because the workgroups have now been held and participants are happy with the latest proposal, Elexon proposes to close action 126/01.

3.1.3 Once the changes have been made, a Change Proposal (CP) for BSCP520 will be raised by Power Data Associates (PDA), an MA, to reflect the proposal, as well as a DTN Modification to implement the new flows. The earliest implementation date for the new flows is expected to be the November 2021 Release, although it is anticipated that the February 2022 Release will be more feasible.

### 4. Recommendations

4.1 We invite the UMSUG to:

a) **AGREE** an approach for the use of sub-meters in the inventory flows; and

b) **NOTE** that once an approach has been agreed, revised documentation will be distributed to the UMSUG and workgroup, and used by PDA to progress both the CP and DTN Modifications.

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### Attachments

Attachment A – Workgroup Meeting 1 Minutes

Attachment B – Workgroup Meeting 2 Minutes

Attachment C – Commentary on the Inventory flows

Attachment D – Draft DTC Data Items

Attachment E – Draft DTC UMS Response

Attachment F – Draft DTC UMS Inventory

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