

## Potential Change to BSCP502 to Resolve Consumption Data Discrepancies.

### Unmetered Supplies User Group

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Purpose of paper **Decision**

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Summary **This paper invites the UMSUG to note the summary from a sub group meeting on the 2<sup>nd</sup> December and determine whether changes to BSCP502 are required to address an unmetered consumption data discrepancy issue.**

### 1. Background

- 1.1 In February 2021, [CP1536 'Use of DTC data flow D0379 for submission of unmetered Half Hourly data'](#) introduced the requirement for a Meter Administrator to submit data to the Half Hourly Data Collectors in the format of a D0379 data flow. This data flow has a granularity of 3 decimal places.
- 1.2 Meter Administrators implemented this change after testing with the Data Collectors.
- 1.3 Historically, some Data Collectors had failed to successfully load the data provided by Meter Administrators due to the previous bespoke method of provision.
- 1.4 The change to using the D0379 data flow was designed to formalise the use of a standard industry dataflow submitted over the Data Transfer Network (DTN). It utilises an existing data flow (D0379) which has existing instances from the Half Hourly Data Collector to Supplier originally designed for smart metering data. The use of 3dp was to futureproof the design to allow for Market-Wide Half Hourly Settlement to calculate consumption for smaller unmetered customers with adequate granularity.
- 1.5 In debating the change to use the D0379, it was considered that Data Collectors would send the data onto Suppliers using the D0379, retaining the 3 decimal place granularity, although this was not mandated under the BSC. It was not mandated under the BSC as this data exchange does not impact settlement, but it does impact customer billing.
- 1.6 The dataflow to pass data is at the behest of Suppliers and Data Collectors to agree bilaterally, which could be via (but not limited to): D0036, D0275, D0379 and D0380.

### 2. UMSUG Sub Group Meeting Update

- 2.1 At the September 2021 UMSUG meeting, UMSUG paper 133/03: 'Required change to the data item J0177' (attachment A) outlined an issue where there are discrepancies between the consumption data Meter Administrators send, and the data that customers are billed with by Suppliers.
- 2.2 A few potential solutions were discussed during the meeting. Elexon proposed that a sub group meeting be held before the December UMSUG meeting to discuss these options in more detail.

- 2.3 Elxon held the sub group meeting on 2<sup>nd</sup> December. During the meeting, it was noted that there have historically been differences between data provided to customers and Supplier bills. These inconsistencies can be as a result of:
- Half Hourly Data Collectors incorrectly loading files,
  - Suppliers not using the latest data; or
  - Some Suppliers billing clock time and others GMT
- 2.4 Discussions highlighted that as a worst case scenario, the difference should be no more than 74 kWh in a 31 day month ( = 31day x 48 x 0.049 – rounds to 0.0 at 1dp).
- 2.5 For many customers, 74 kWh per month can be considered negligible (i.e. for a typical London Borough, this would be 0.015% of a total ~500,000kWh portfolio).
- 2.6 The impacts of Market-Wide Half Hourly Settlement were discussed during the sub group meeting and the following was noted:
- Migration of all Non Half-Hourly UMS to Half-Hourly is due to begin 2023,
  - Migration of increasingly smaller metering systems will reduce the volume of energy per time period; and
  - Market-Wide Half Hourly Settlement's design is 3 decimal points for all consumption data.
- 2.7 It was discussed during the sub group meeting whether this issue should be addressed via a Change Proposal; with [BSCP502: 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#) being the relevant BSCP to be updated. The change would add the option for HHDCs to send data to the Supplier using a D0379/D0380.
- 2.8 CP1555 'Provision of consumption data to Distributors for Measurement Classes G and F' is currently out for consultation and has the potential to lead to greater use of the D0379/D0380 data flows. There was a consensus that adding unmetered requirements to this change would be beneficial.
- 2.9 Alternatively, it was noted during the sub group meeting that this issue would eventually be fixed naturally via MHHS, as consumption data is moving to 3dp. This issue would ultimately be fixed by itself and therefore not require a change to be raised now.
- 2.10 The sub group expressed a general preference for the issue to be fixed sooner via a Change Proposal.
- 2.11 Elxon agreed to prepare a paper for the December UMSUG meeting to update on progress on this issue, as well as discuss with the rest of the UMSUG the potential for a Change Proposal to BSCP502 to address the issue.

### 3. Recommendations

- 3.1 We invite the UMSUG to:
- a) **NOTE** the summary of the UMSUG sub group meeting on the 2<sup>nd</sup> December; and
  - b) **DETERMINE** an approach for resolving the consumption data discrepancy issue.

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### Attachments

Attachment A – UMSUG133/03 'Required Change to Data Item J0177'

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### For more information, please contact:

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