

Customer Briefing Note 020

Meter Exchange Management

Edge Background

Edge is our flag-ship web-based software solution for retail water and waste services suppliers in the UK.

Edge has been designed and built from first principles to provide a complete “Business in a Box” for both established and new entrant Licensed Providers.

The Edge system allows seamless operations across the UK – in both the Scottish and English markets.

Edge runs on the Microsoft “Azure” cloud platform, and provides unrivalled flexibility, security and availability.

Deployment of Edge is quick and easy, whether you are a new start or the largest water company in the country.

Meter Exchange Concepts

Water meters are used to measure water consumption on many SPIDs in both the English and Scottish markets.

The majority of SPIDs have a single meter and these can come in various sizes, ranging from 15mm to 1000mm.

Sometimes a meter will need to be replaced by the Wholesaler. This might happen if the meter is defective, is old and needs replacement or if the consumption pattern at the SPID has changed and the meter needs to be replaced with a meter of a different size.

The market rules surrounding meter replacement are very similar in England and Scotland, and are described in the relevant Code Subsidiary Documents (CSD’s)

- CMA CSD0104 Part 2
- MOSL CSD 104

Meter Exchange Process

The processes for managing Meter Exchanges are very similar for English and Scottish meters. However, the associated Transactions will vary slightly depending on which market the SPID is located.

There are two process, depending on whether the meter exchange is “like for like”, or if the meter exchange is for a different size or type of meter.

The process for “like for like” meter exchanges in England is depicted in Figure 1, taken from the Edge process diagrams.

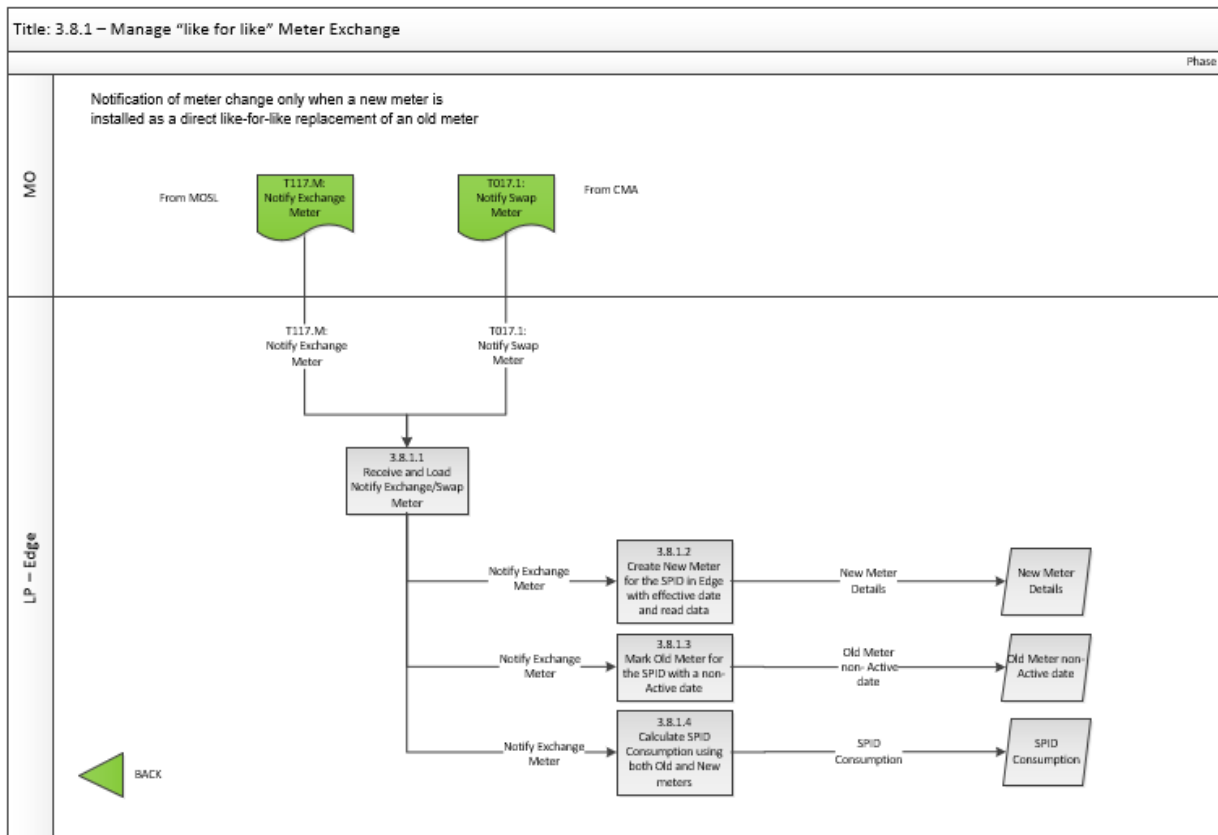


Figure 1: Like for Like Meter Exchange Process

In this process, the incoming MOSL transaction is a T117.M.

Edge then loads the incoming T117.M transaction and completes the following three tasks:

- Create New Meter for the SPID in Edge with effective date and read data
- Mark Old Meter for the SPID with a non- Active date
- Calculate SPID Consumption using both Old and New meters

When calculating the SPID consumption for billing purposes, Edge will continue to calculate the ADC using the last two readings from the old meter. This will continue until the second meter reading from the new meter has been received. At this point the ADC used for billing will be calculated using the first two reads of the new meter.

For meter exchanges where the meters are different the incoming MOSL transaction is a T104.M.

This will be accompanied with a T105.M (Meter Read) for the old meter which will have a “Meter Read Type” of “F”

The new meter details will be loaded to the SPID and the process will be the same as that described for the “like for like” meter swap.

Meter Exchange Requests

Meter Exchanges can be requested by the Retailer through use of a Wholesale Job Request. There is no standardised process within the Market, each Wholesaler adopts their own forms and processes. The processes are largely manual.

Related Customer Briefing Notes (CBN's)

You may also be interested in these related CBN's

- CBN001: “Edge Overview”
- CBN002: “ADC Billing”
- CBN003: “Volumetric Adjustment”
- CBN004: “Metered Billing”
- CBN005: “Block Tariffs”
- CBN006: “Consolidated Billing”
- CBN007: “Published Tariffs”
- CBN008: “Manual and Automated Billing”
- CBN009: “Bill Output Formats”
- CBN010: “Market Transactions and Data Items”
- CBN011: “Integrated Transaction Management”
- CBN012: “Bitemporal Updates”
- CBN013: “Market Data Set”
- CBN014: “Market Pricing”
- CBN015: “SPID Transfers”
- CBN016: “CRM Module”
- CBN017: “Data Quality”
- CBN018: “Meter Reading Management”
- CBN019: “Sub Meters and Complex Metering”
- CBN020: “Meter Exchange Management”
- CBN021: “Trade Effluent”

Further Information

If you require further information on any aspect of the Edge solution, please contact us at:

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