Customer Briefing Note 013

Market Data Set

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.

Market Data Set (MDS)

The MDS data sets provide a snapshot of all Market SPIDs, with associated meter details and Read data.

There are two separate MDS loads, one for English MDS (MOSL) and one for Scottish MDS (CMA)

Edge loads both English and Scottish MDS data sets on a daily basis, using bespoke data loading processes that run automatically each night.

This ensures that Edge always has a copy of the latest Market data for both English and Scottish SPIDs.

Note that Edge does not maintain a history of Market data, since the previous days data is deleted when a new set of data is available. However, if new MDS data is not available, then the previous MDS will be retained in Edge.

The MDS data sets comprise several flat files in comma separated format.

An example of the data contained in the MDS is shown in Figure 1. Note that this is English Water SPID file data (test data only). As we can see, the raw data is not very useful in this format.

```
Water SPIDs,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
SPID,Wholesaler ID,Retailer ID,Other Wholesaler ID,Multiple Wholesalers Flag,Disconnection Status,VOA BA Reference,VOA BA Reference Reason Code,UPRN,UPRN
Reason Code,Customer Classification - Sensitive Customer,Public Health Related Site Specific Arrangements Flag,Non-Public Health Related Site Specific
Arrangements Flag,Non-Public Health Related Site Specific Arrangements Free Descriptor,Standard Industrial Classification Code,Standard Industrial
Classification Code Type,Rateable Value,Occupancy Status,Building Water Status,Landlord SPID,Section 154A Dwelling Units,Customer Name,Customer Banner
Name,Premises Address - Free Descriptor,Premises Address - Secondary Addressable Object,Premises Address - Primary Addressable Object,Premises Address -
Address Line 1,Premises Address - Address Line 2,Premises Address - Address Line 3,Premises Address - Address Line 4,Premises Address - Address Line
5,Premises Address - Postcode,Premises Address - PAF Address Key,Supply Point Effective From Date,Registration Start Date,Other Service Category Provided
Flag,Other Service Category Provided Flag Reason,Volume Transfer Flag,Interim Duty Supply Point Flag
3200096330W16,ELTER-W,BLEABERRY-R,ELTER-W,0,REC,,NR,,BW,,0,0,,,,,OCCUPIED,0,,,Brighton & Hove Albion Football Club,The American Express Community
Stadium,,1,Oxford Street,,,,West End,London,W1C2HY,,11/07/2016,01/08/2016,0,,0,
3200096357W10,ELTER-W,BLEABERRY-R,ELTER-W,0,REC,,NR,,BW,,0,0,,,,,OCCUPIED,0,,,Brighton & Hove Albion Football Club,Seagulls Store,,2,Oxford Street,,,,West
End,London,W1C2HY,,11/07/2016,11/07/2016,0,,0,
3200096365W18,ELTER-W,BLEABERRY-R,ELTER-W,0,REC,,NR,,BW,,0,0,,,,,OCCUPIED,0,,,Brighton & Hove Albion Football Club,Ticket Office,,3,Oxford Street,,,,West
End,London,W1C2HY,,11/07/2016,11/07/2016,0,,0,
3200096373W15,ELTER-W,BLEABERRY-R,ELTER-W,0,REC,,NR,,BW,,0,0,,,,,OCCUPIED,0,,,Yellow Queen Ltd,The Dog & Duck,,4,Oxford Street,,,,West
End,London,W1C2HY,,11/07/2016,11/07/2016,0,,0,
320009639XW1X,ELTER-W,BLEABERRY-R,ELTER-W,0,REC,,NR,,BW,,0,0,,,,,OCCUPIED,0,,,Yellow Queen Ltd,The Seagull & Eagle,,5,Oxford Street,,,,West
End,London,W1C2HY,,11/07/2016,11/07/2016,0,,0,
3200100648W17,ELTER-W,BLEABERRY-R,ELTER-W,0,REC,,NR,,BW,,0,0,,,,,OCCUPIED,0,,,Oasis Ltd,Oasis Dental Practise,,6,Oxford Street,,,,West
End,London,W1C2HY,,13/07/2016,13/07/2016,0,,0,
```

Figure 1 - MOSL MDS Data example

Market Data in Edge

The daily loading of MDS data is crucial to the effective operation of Edge. Edge uses MDS data for three key functions as follows:

- Market SPID Search
- Market Pricing
- SPID Transfer

Market Module SPID Search

The Market Module provides powerful yet user-friendly access to the Market Data Set (MDS) data, with easy to use search filters. The Market data provides details of all SPIDs within the English and Scottish markets, approximately 1.8 million SPIDs.
Market search criteria include:

- SPID
- Premise Address
- Premise Postcode
- Customer Name
- Licensed Provider
- Wholesaler

Search results can be filtered on SPID Status, for example REC, TDISC, PDISC and also Vacancy Status.
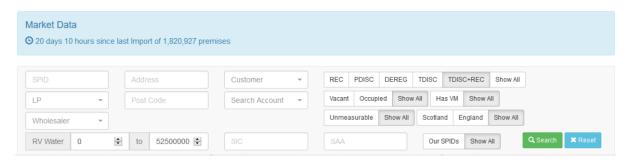

Figure 2 – Edge Market Search Criteria

Search results are displayed in a tabular format, providing ease of review and selection.

Figure 3 – Edge Market Search Results

Selecting a SPID from the search results provides a wealth of information relating to that Supply Point, as shown in Figure 4.
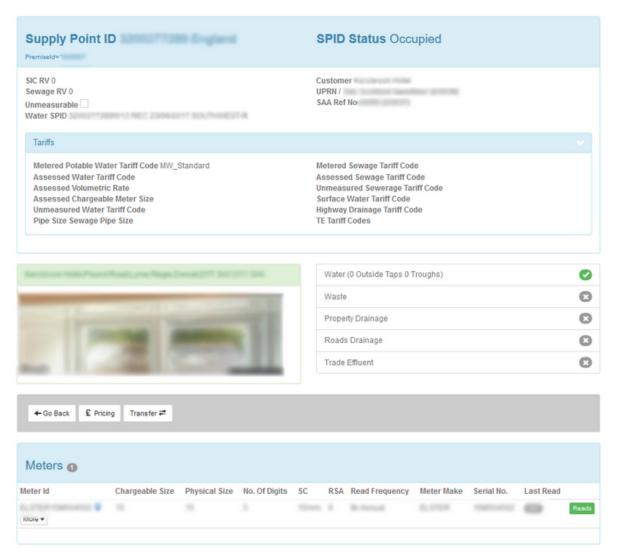

Figure 4 – Edge Market Data Screen

Market Pricing

The Market Pricing Engine is a powerful feature of the Edge system. The Pricing Engine uses the latest MDS SPID data along with LP Retail / Wholesaler Tariffs and Start/End Dates to create accurate Wholesale and Retail price estimates for Market SPIDs, both in England and Scotland.

Note that an "All SPIDs" report can also be run to create a pricing report for all Market SPIDs and export to Excel.

Please refer to CBN014 for more information on Market Pricing.

SPID Transfer

SPID Transfers to Edge make a copy of the latest SPID Market Data to populate SPID data in Edge. The SPID is then associated with Account data to create a billable record in Edge.

Please refer to CBN015 for more information on SPID Transfers.

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:

Email: enquiries@cloudwater.co.uk

Phone: 01413438992