

## AMI Data Strategic Transfer

### AMIDST

## Final Report Summary November 2023

In September 21 Anglian Water launched RDE (Retailer Data Exchange) to provide granular smart AMI data direct to retailers through an API (Application Programming Interface) and/or an SFTP data download. This is a non-chargeable service to Retailers, enabling collaboration in addressing future water resource challenges. Data is currently available for circa 24k NHH meters.

Following RDE we recognised the opportunity to provide further significant benefit by delivering Smart Data direct into the central market. In December 2021, therefore, we applied successfully to the first round of the MOSL-run 'Market Improvement Fund' for Project AMIDST.

**Project AMIDST (AMI Data Strategic Transfer)** Is a collaboration between Anglian Water and MOSL, initially as a pathfinder project. It aimed to investigate how AMI meter read data in a standard format could be provided directly into the Central Market Operating System (CMOS), using an online platform that could be used by all wholesalers.

As smart metering becomes increasingly widespread, adding monthly meter reads into the market will allow greater accuracy of available consumption data. This gives opportunity in the areas of:

- Water efficiency
- Demand management
- Competitive service offering
- Wholesaler and Retailer settlement processes
- NHH (Non-Household) customer invoicing.

Our goal is to enable wholesalers to provide monthly smart meter reads direct into the market, but as market code does not currently allow this, we broke the project into 3 key areas:

System-to-System Transfer This focussed on the technical solutions to exchange data within the parameters of the market code. It aimed, as an interim solution, to provide functionality for wholesalers to load monthly smart meter reads into the market for retailers to approve.

Code, Benefits and Impact review – This investigated the potential required changes in the market code and identified the associated risks and benefits to wholesalers of submitting monthly smart meter reads into the market **without** Retailer approval. This was the proposed 'Enduring Solution'.

Recommendations Report – A formal report collated the findings of the Code, Benefits and Impact Review as well as the technical summary of the system-to-system transfer.

As a result of this project a successful system-to-system AMI smart meter read data transfer has been developed using an MVI API solution as an interim solution to stay in line with the current market code.

Anglian are now using this live with the two retailers who were key stakeholders to this project, and are planning to roll this out to all its Retailers.

The recommendation is that other Wholesalers should be encouraged to use the solution in preparation for their smart metering programmes.

The project also recommends an enduring (longer term) solution which is the submission of AMI Smart reads to CMOS without Retailer approval. The impact of this on Market Codes has been identified with proposed recommendations.

Following the Roles and Responsibilities review led by the Metering Committee, it has been recommended to take a code change forward giving Wholesalers responsibility for submitting Smart AMI reads into CMOS. This code change is now underway as “CPW142 Wholesaler Smart Meter Reads”

Throughout the code change process this [final recommendations report](#) can be used to assist in the code review and any decision making.