MHHS Glossary - your guide to new industry terms

Advanced Data Service (ADS)
A new MHHS role responsible for collecting and processing consumption data from advanced electricity meters, which include Half-Hourly (HH) and AMR. The ADS replaces the Data Collector role.

Advanced Market Segment
Consumers with advanced meters (Half-Hourly and AMR) are within the Advanced Market Segment.

Advanced meters
Advanced meters record electricity used in half-hourly periods and allow suppliers to access this data remotely.

Annual Consumption (AC)
Annual Consumption replaces Estimated Annual Consumption (EAC) and is the expected yearly electricity consumption for an MPAN.

Automated Meter Reading (AMR) meter
A type of meter that sends electricity consumption data to the supplier. AMR meters are within the Advanced Market Segment.

Change of Agent (CoA)
A process to change the agent for either metering or data services. The new agent is appointed by the customer to carry out key services.

Connection Type
The type of electricity connection at a site and helps determine which meter types can be installed.

Consumption profiles
These estimate how electricity is typically used by a specific type of consumer and are used in the settlement process. Post-MHHS this will be replaced by Load Shapes.

Data cleansing
Cleaning data to ensure a smooth migration to MHHS and reduce the number of exceptions within the migration process.

Data service
Generic and collective reference for the MHHS Target Operating Model services relating to data service provision - includes the Smart Data Service, Advanced Data Service and Unmetered Data Service. This replaces the Data Aggregator (DA) and Data Collector (DC).

Data Integration Platform (DIP)
The Data Integration Platform is a platform which allows suppliers and agents to communicate between them. This replaces the Data Transfer Network (DTN).

Demand forecasting
The process of predicting how much electricity will be needed in the future to meet expected consumption. MHHS provides more detailed data to improve demand forecasting.

DUoS Tariff ID
The DUoS Tariff ID (Distribution Use of System Tariff ID) identifies the network and distribution charges applied to a consumers electricity supply. This is a 3-digit identifier found on the top line of your MPAN.

Half-Hourly (HH)
Measuring and recording electricity consumption every 30 minutes.

Line Loss Factor (LLF)
A calculation used to estimate the loss of electricity as it travels to the consumer sites.

Line Loss Factor Identifier (LLF ID)
A data item used to apply the correct Line Loss Factor. MHHS links the LLF ID and DUoS tariff ID.

Load Shape
The Load Shape is an average daily pattern using actual half-hourly data. These shapes are generated by the Load Shaping Service (LSS).

Load Shaping Service (LSS)
The LSS creates average daily Load Shapes using actual half-hourly data. These patterns are used to estimate electricity consumption when meter data isn't available, especially for traditional meters.

Market Segment
MHHS has grouped consumers into one of three market segments – Smart, Advanced or Unmetered. This segmentation determines which roles, data processes and settlement arrangements apply to each consumer.

Market Segment Identifier (Segment ID)
A new field that groups a site based on how it's metered and settled. S – Smart, A – Advanced, U – Unmetered.

Market-wide Half Hourly Settlement (MHHS)
MHHS is a major change to how electricity is settled in Britain. It uses half-hourly electricity consumption data to settle consumers more accurately and efficiently. This should provide the industry with a smarter, more flexible energy market, supporting new time-of-use tariffs and demand forecasting.

Metering Service (MS)
A new role that replaces Meter Operator (MOP), who are responsible for installing, maintaining and managing electricity meters. Depending on your meter type, there are different types of MS roles (MSA and MSS).

Metering Service Advanced (MSA)
The MSA is the role within the Advance Market Segment who's responsible for installing, maintaining and managing advanced meters (HH and AMR meters).

Metering Service Smart (MSS)
The MSS is the role within the Smart Market Segment who's responsible for installing and maintaining Smart meters and traditional meters.

Migration window
The period of transition to the MHHS system, which begins in October 2025 and runs until May 2027.

Settlement
The process of settling how much electricity consumers use with how much is generated. This allows suppliers to invoice accurately and balanced across the whole electricity system. MHHS aims to improve this process to make settlements faster and more precise.

Smart Market Segment
This segment includes Smart meters and traditional (NHH).

Smart Data Service (SDS)
A role that handles the collection and validation of electricity usage data from Smart and traditional meters. The SDS ensures that data is ready for half-hourly settlement.

Smart meter
A meter which is compliant with the Smart Metering Equipment Technical Specifications (SMETS). A Smart meter is able to record consumption in half hour of the day and can be remotely read and configured.

Unmetered Supplies (UMS)
UMS are electricity supplies without a meter. The supply connects to the Distribution Network without a meter, e.g. street lights, traffic signs, zebra crossings, etc.

Unmetered Supplies Market Segment
The Unmetered Supplies Market Segment is a category for equipment that uses electricity but doesn't have a meter.

Unmetered Suppliers Data Service (UMSDS)
The Unmetered Suppliers Data Service calculates usage for supplies without meters, using approved software. This role replaces the Meter Administrator.

End of Migration
The point when all MPANs have been migrated into the MHHS Target Operating Model.

Meter Reading Service (MRS)
MRS is the service that provides Register Readings for Meters where Settlement Period Level data is not available or can't be accessed for the traditional meters.

Register Readings (RR)
Register Readings are the readings taken from a Settlement Meters tariff registers. These readings may be taken remotely or obtained via reading the meter.

Target Operating Model (TOM)
TOM is the settlement structure, designed by the working groups within the MHHS Programme.

Traditional (TRAD)
A type of meter which is read manually by the customer or data service, and bills are settled based on this data. Previously known as non-half hourly.