



Market-wide Half-Hourly Settlement (MHHS) Programme 101 Guide: DCC

How DCC operations change

Services, systems & processes

Data Communications Company (DCC) services will be significantly affected by the MHHS Programme. DCC has an obligation to ensure compliance with the provisions in the Balance and Settlement Code (BSC). These provisions ensure that parties, including the DCC, comply with and operate according to the governance and management of the MHHS implementation. As a result, DCC is a key central party for Programme delivery.

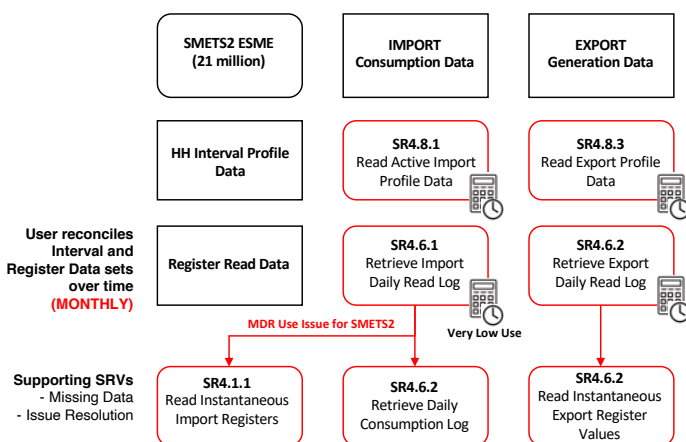
The changes required to deliver MHHS have been defined and progressed through the Smart Energy Code (SEC) **Modification Proposal P162**. The expected changes required will include:

- Introducing a new User Role for parties, other than suppliers, who will carry out the Meter Data Retrieval (MDR) service.
- Designing new User Entry Process requirements for the new User Role.
- Defining the relevant Service Requests the new User Role will have access to, and the associated Target Response Times (TRTs) and testing scenarios.
- Defining the associated security and data privacy arrangements that will apply to the new User Role.

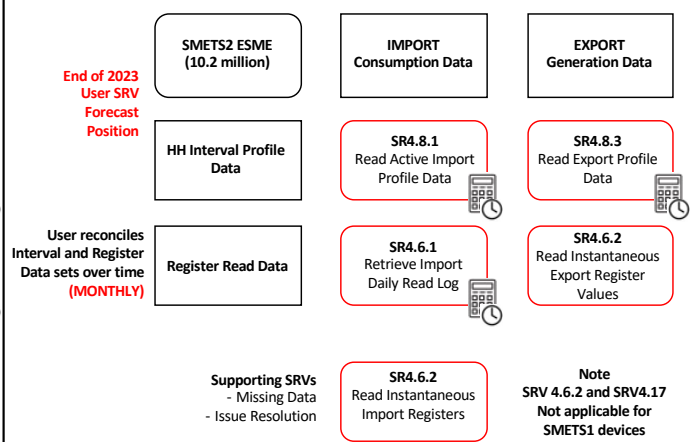
Use Cases

The DCC has set out the following expected use cases for Smart Metering Equipment. Technical Specifications 2 (SMETS2) and SMETS1 Electricity Smart Meter (ESME):

MHHS Service Request Variant SRVs – anticipated SMETS2 usage



MHHS SRVs – anticipated SMETS1 usage



DAILY Data Retrieval SEC party User Roles (IS, ES or MDR)



SRV = DCC Scheduled



Data volumes and DCC capacity

DCC has highlighted that the MHHS Programme changes are expected to significantly increase the amount of traffic on the DCC systems. Smart Data Service providers will access daily Half-Hourly (HH) readings rather than periodic readings. As a result, the performance, and non-functional requirements for DCC will need to reflect this increase. Data submission patterns and volumes will depend on the behaviour of parties, in particular suppliers and Smart Data Services providers, connected to the DCC service.

Target Operating Model (TOM) representation

The below diagram shows a visual representation of the new MHHS TOM.

