

# DWG13/01 – TOM SERVICE REQUIREMENTS AND SUMMARY GUIDES

**MEETING NAME** Design Working Group

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**Purpose of paper** Decision

**Classification** Public

**Summary** This paper presents the draft Service Requirements for the Market-wide Half-Hourly Settlement (MHHS) Target Operating Model (TOM), together with draft Summary Guides for each service. ELEXON invites the DWG to agree these for inclusion in the report to Ofgem on the DWG's recommended TOM.

## 1. Background

1.1 The draft Service Requirements have been developed by the four workgroups that report to the Design Working Group (DWG):

- Workgroup 1: Metering, Meter Reading and Retrieval Services;
- Workgroup 2: Processing and Load Shaping Services and Registration Interaction;
- Workgroup 3: Settlement Period Unmetered Supplies Service and Distribution Business Interaction; and
- Workgroup 4: Aggregation and Volume Allocation Services and Registration Interaction.

1.2 The Service Requirements comprise:

- The requirements for each TOM service;
- A high-level diagram for each service; and
- A mapping to the high-level service requirements set out in Appendix 1 of the workgroups' [Terms of Reference](#) (which were drawn in turn from the requirements in the [DWG deliverable](#) for Stage 1).

## 2. Service Requirements

2.1 The Service Requirements have been drafted as separate services which may need to be combined according to the DWG's final decision on its preferred TOM. They contain functional requirements, data requirements and business rules. The workgroups have included non-functional requirements where they are service-specific. Service Requirements have been developed for the following services:

Service ID	Service Name
AGS	Aggregation Service
ARP	Advanced Retrieval and Processing Service
LSS	Load Shaping Service
MDR	Meter Data Retrieval Service (Smart)

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Service ID	Service Name
MRS	Meter Reading Service
MSA	Advanced Metering Service
MSS	Smart Metering Service
PSS	Smart Processing Service
UMSDS	Unmetered Supplies Data Service
UMSO	Unmetered Supplies Operator Service
VAS	Volume Allocation Service

2.2 You can find the Service Requirements in Attachment A.

## Generic Non-Functional Requirements

2.3 We have also provided generic non-functional requirements where these are likely to be the same for each service. These will need reviewing once the DWG has agreed its preferred TOM.

## Service Diagrams

2.4 A snapshot of the high-level Service Diagrams is provided with each set of Service Requirements. Attachment C contains these diagrams in .pdf format. ELEXON is also working to produce lower-level 'process diagrams' that set out the processes within each of the services. We intend to bring these to the DWG meeting on 15 January 2019, for inclusion in the final report to Ofgem.

## 3. Summary Guides

3.1 We have drafted Summary Guides for use in the report to Ofgem on the DWG's recommended TOM (which will also form the basis of a DWG consultation in February-March 2019). These guides give a high-level overview of each service. They aim to make the MHHS TOM easy to understand for a lay audience who may not be interested in the low-level requirements, or who may need a guide to interpreting the requirements. You can find the guides in Attachment B.

## 4. Recommendations

4.1 We invite you to:

- a) **AGREE** the Service Requirements and Summary Guides for inclusion in the report to Ofgem on the DWG's recommended TOM.

## Attachments

Attachment A – TOM Service Requirements

Attachment B – TOM Summary Guides

Attachment C – TOM Service Diagrams

Attachment D – TOM Glossary of Terms

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