ELEXON

UMS Material Error Monitoring Q2 2022 Report

Unmetered Supplies User Group

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Summary **This paper provides the Unmetered Supplies User group (UMSUG) with a view of the latest UMS Material Error Monitoring (MEM) data from Q2 2022.**

1. Background

1.1 MEM is one of the 'detective' Performance Assurance Techniques that operate within the Performance Assurance Framework. MEM is designed to: estimate the impact and materiality of a Settlement error, monitor error levels over time, and estimate the contribution to overall market errors made by individual Parties and their Agents. The MEM process currently monitors UMS, as well as Energisation status, and erroneous large Estimated Annual Consumption (EAC) and Annualised Advances (AAs).

1.2 For UMS MEM, Elexon monitors the issue of erroneous values of UMS in the Non Half Hourly (NHH) market. The monitoring involves comparing UMS data from Unmetered Supplies Operators (UMSOs) and Non Half Hourly Data Aggregators (NHHDAs) on a particular Settlement Date following the SF run.

1.3 The monitoring takes place quarterly and the dates used can be found in the UMS Monitoring Timetable on the BSC Website: Material Error Monitoring.

1.4 On or shortly after the Settlement Date, all UMSOs provide Elexon with an extract of NHH UMS EAC values. Following the SF run for the Settlement Date, all NHHDAs provide Elexon with files containing information on all UMS Metering System Identifiers (MSIDs). The UMSO and NHHDA data is then processed and compared by Elexon to determine the error in Settlement. Error is quantified in terms of overstated and understated EAC values by the NHHDA, in relation to the EAC value held by the UMSO.

1.5 Any MSIDs that have error identified through a mismatch between the UMSO and NHHDA declared EAC values are compiled into summary reports that are distributed to the relevant UMSOs and Suppliers. Elexon expects the UMSO, Supplier and Supplier Agents to engage in communication with one another to proactively resolve any errors identified in time for the next quarterly report.

1.6 UMS MEM currently compares EAC values held by 29 UMSOs and 17 NHHDAs.

2. Quarterly UMS MEM Data Update

2.1 The latest quarterly UMS MEM data, based on Q2 2022 can be found in Attachment A. The graphs within the attachment provide a view of:

1. Comparisons of understated and overstated error between the latest and previous quarters
2. NHH energy volumes for context
3. Amount of new vs old erroneous instances
4. Total error per GSP Group
5. Five largest overstated and understated errors
6. Total error per Supplier
7. Total error per NHHDA
8. MSID's with error and MSID's as a percentage of total MSID numbers per UMSO

9. MSID’s with error and MSID’s as a percentage of total MSID numbers per NHHDA

2.2 The purpose of the MEM reporting is to encourage UMSOs, Suppliers and Party Agents to engage with each other until the EACs match. Elexon asks the main contributors to the UMS MEM error for each quarter what their plans are to reduce their error. This update is provided to the Performance Assurance Board (PAB).

3. Recommendations

3.1 We invite the UMSUG to:

a) **NOTE** the quarterly UMS MEM Report.

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