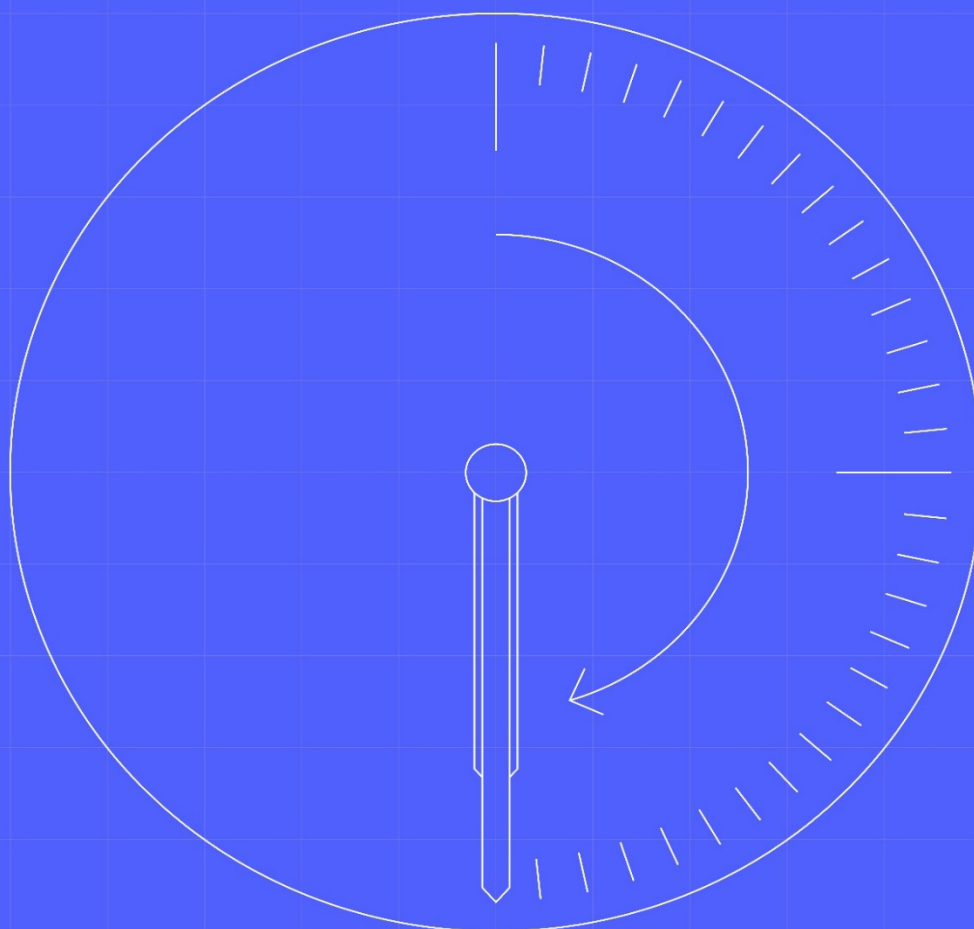


# MHHS – M15 Acceptance Criteria



Document Owner:  
**Migration Team**

Status:  
**Draft for Industry  
Consultation**

Document Number:  
**MHHS-DEL1792**

Date:  
**22/11/2023**

Version:  
**0.1**

Classification:  
**Public**

---

## 1 Contents

<b>1</b>	<b>Contents</b>	<b>1</b>
1.1	Change Record	2
1.2	References	2
1.3	Terminology	2
1.4	Programme Milestones	3
<b>2</b>	<b>Introduction, Overview and Scope</b>	<b>4</b>
2.1	Introduction	4
2.2	Overview	4
<b>3</b>	<b>Intended Audience</b>	<b>4</b>
<b>4</b>	<b>MPAN State Terminology</b>	<b>5</b>
<b>5</b>	<b>Acceptable and Unacceptable MPAN States at M15</b>	<b>5</b>
5.1	Acceptable MPAN States at M15	6
5.2	Unacceptable MPAN States at M15	7
<b>6</b>	<b>M15 Acceptance Criteria</b>	<b>8</b>
<b>7</b>	<b>Assumptions, Risks and Dependencies</b>	<b>9</b>
7.1	Assumptions	9
7.2	Risks	9
7.3	Dependencies	9

## 1.1 Change Record

Date	Author	Version	Change Detail
22/11/2023	Migration Team	0.1	Draft for Industry Consultation

## 1.2 References

Document	Publisher	Published	Additional Information
MHHS-DEL961 – Migration Design Document v1.0	Migration Team	03/04/2023	

## 1.3 Terminology

Term	Description
BAU Process	This refers to a process within the MHHS arrangements as set out within the MHHS Core Design
BSC	Balancing and Settlement Code
Central Services / Systems	MHHS Programme term referring to the parties and systems that comprise the supporting infrastructure for MHHS business processes and services, namely the Elexon Central Services, Electricity Enquiry Service, Data Service Provider, Central Switching Service, Data Transfer Network, and the Data Integration Platform.
CoA	Change of Agent
CoS	Change of Supplier
CSS	Central Switching Service
Daily Planned Migration Threshold	This is an industry-wide limit on the maximum planned for number of migrations that can take place on a given day under normal circumstances (200,000).
Data Cleanse Plan	The approach and activities required to improve and populate data prior to Migration start.
DC	Data Collector
DIP	Data Integration Platform
DS	Data Service
DSP	Data Services Provider
ECS	Elexon Central Services
EES	Electricity Enquiry Service
Export MPAN	An MPAN that exports energy to the grid from a premises
Forward Migration	The process through which MPANs will move from legacy arrangements to MHHS arrangements
IDNO	Independent Distribution Network Operator
II Run	Interim Information Settlement Run
Import MPAN	An MPAN that imports energy from the grid to a premises
ISD	Industry Standing Data
LDSO	Licensed Distribution System Operator

legacy Arrangements	The existing arrangements set out under the BSC and REC. For the purposes of the Migration Design, this is primarily the REC Metering Services Schedule and the Balancing and Settlement Procedures related to Data Collection.
MCC	Migration Control Centre
MHHS	Market-Wide Half-Hourly Settlement
MHHS Arrangements	The new MHHS arrangements as set out in the MHHS Core Design Artefacts.
Migration Design	The technical articulation of how MPANs will move from legacy to new MHHS arrangements
Migration Period	The period denoted by the Programme as occurring between the M11 and M15 milestones
MOP	Meter Operator
MPAN	Meter Point Administration Number
MPID	Market Participant Identifier
MS	Metering Service
MWG	Migration Working Group
NFR	Non-Functional Requirement
Primary MPAN	The MPAN, within a Related MPAN arrangement, for which a Switch is initiated, or a forward migration (via an IF-031) is initiated
Qualified Supplier	A Supplier recognised in ISD as both having passed the relevant System Integration Testing (SIT) requirements or BSC qualification requirements; and declared that their service is operational within the MHHS arrangements.
RMP	Registrable Measurement Point
Registration Service	The service operated by LDSOs
REC	Retail Energy Code
Reverse Migration	The process through which MPANs will move from MHHS arrangements to legacy arrangements
Secondary MPAN	The MPAN, within a Related MPAN arrangement, for which a forward migration occurs when an IF-031 is received for a Primary MPAN
Switch	The process by which a new Supplier Registration supersedes an existing Supplier Registration, managed by the CSS
Upper Migration Threshold	This is an industry-wide limit on the maximum number of migrations that can take place on a given day under exceptional circumstances (300,000)

## 1.4 Programme Milestones

The below Programme milestones are referenced throughout this document.

M9 – Start of System Integration Testing (SIT)

M10 – Go Live of new services

M11 – Start of 1 Year Migration for UMS / Advanced

M12 – Start of 1 Year Migration for Smart / Non-Smart

M14 – All Suppliers must be able to access MPANs under the new TOM

M15 – Full transition complete

M16 – Cutover to the new settlement timetable

---

## 2 Introduction, Overview and Scope

---

### 2.1 Introduction

The M15 milestone is planned to take place in October 2026 and is currently defined as 'Full transition complete' i.e., all MPANs have been migrated to the MHHS arrangements and none remain in the legacy arrangements. Whilst the target will be to migrate 100% of MPANs, practically, it will not be possible to migrate all MPANs from the legacy arrangements as there will be some MPANs in states that prevent them from being migrated. Therefore, it is necessary to define a set of acceptance criteria, that if achieved, will allow the Programme to consider M15 as achieved.

The purpose of this document is to define this acceptance criteria, which include the MPAN states that will be 'acceptable' and 'unacceptable' at M15, and to also define the reporting mechanism that will be used to assess progress towards this acceptance criteria across the Migration Period.

---

### 2.2 Overview

- **MPAN State Terminology**
  - This section outlines the terminology that is used throughout this document to describe the various different states an MPAN can be in.
- **Acceptable and Unacceptable MPAN States at M15**
  - This section defines the 'acceptable' and 'unacceptable' MPAN states at M15. The primary aim of the MHHS Migration Period is to ensure that all MPANs are in one of the 'acceptable' MPAN states at M15 and no MPANs exist in any of the 'unacceptable' MPAN states.
- **M15 Acceptance Criteria**
  - This details the exact acceptance criteria that will be used to determine whether M15 has been achieved.
- **Assumptions, Risks and Dependencies**
  - This section details the assumptions, risks and dependencies that have been considered when developing the M15 acceptance criteria.

---

## 3 Intended Audience

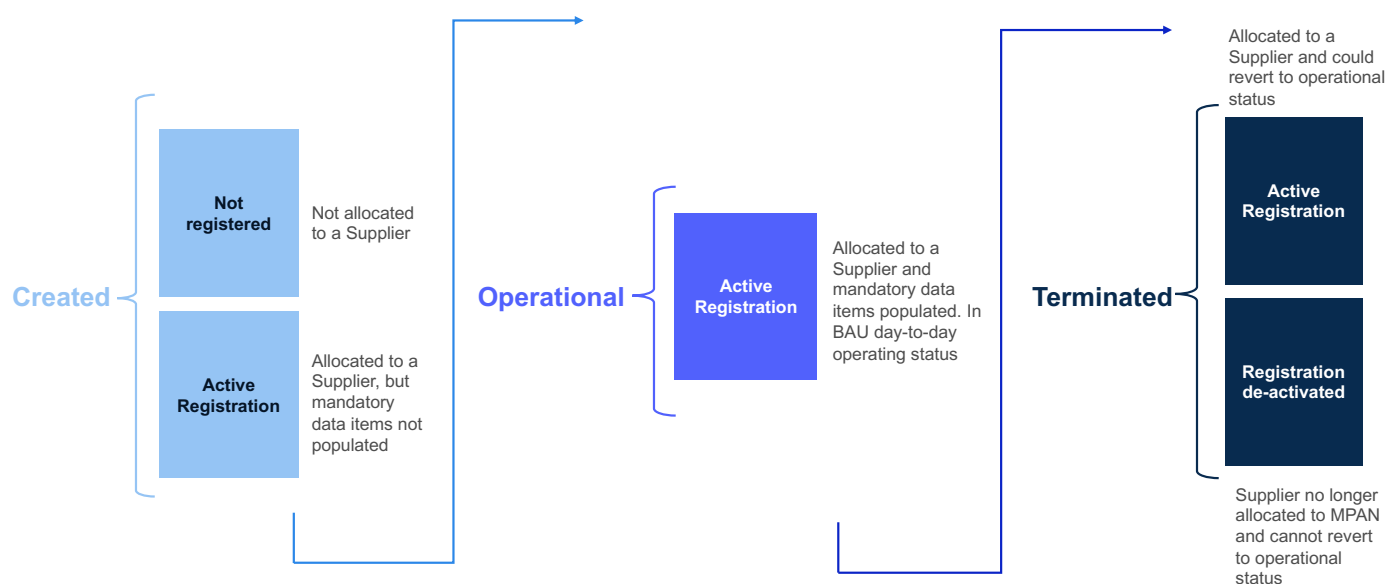
These parties are:

- The Registration Services (including Service Providers);
- Suppliers;
- Data Collectors / Aggregators;
- Meter Operators;
- The DIP Service Provider;
- Metering Services (i.e., MSS, MSA);
- Data Services (i.e., SDS, ADS, UMSDS);
- EES;
- LDSOs (i.e., DNOs and iDNOs);
- Meter Administrators;

- The DCC, operating Smart Metering and CSS;
- ESO;
- Elexon Central Services (ECS);
- Electralink (DTN);
- REC and BSC Performance Assurance Boards;
- UMSOs.

## 4 MPAN State Terminology

The Registrable Measurement Point (RMP) status of an MPAN uses the terminology 'Created', 'Operational' and 'Terminated'. In the below diagram, these terms are mapped to each of the possible lower level MPAN states. This terminology aligns to the terminology used in the REC and is the terminology that will be used throughout this document.



- **Created & Not Registered:** This is an MPAN that has been created but has not been allocated to a Supplier.
- **Created & Active Registration:** This is an MPAN that has been created and has been allocated to a Supplier, but does not have the mandatory data items populated.
- **Operational & Active Registration:** This is an MPAN that has been allocated to a Supplier, it has the mandatory data items populated and is currently operating in a BAU day-to-day operational status.
- **Terminated & Active Registration:** This is an MPAN that has been terminated but is still allocated to a Supplier and could be reverted to operational status.
- **Terminated & Registration de-activated:** This is an MPAN that has been terminated and no longer has a Supplier allocated to it. It cannot be reverted to operational status.

## 5 Acceptable and Unacceptable MPAN States at M15

M15 is described as 'Full Transition Complete' i.e., all MPANs have been migrated to the MHHS arrangements and none remain in the legacy arrangements. The key aim throughout M15 will be to ensure

that, by M15, all MPANs are in one of the 'acceptable' MPAN States set out below, and no MPANs exist in any of the 'unacceptable' MPAN states.

The Programme will develop a reporting process to track and assure the progress being made towards M15 throughout the Migration Period.

The working assumption is the Programme will use EES data to track the number of MPANs in each of the 'acceptable' and 'unacceptable' states. Once Migration is underway, this reporting will be shared with industry participants on a regular basis through the Migration Working Group (MWG).

The requirements for this reporting will be developed from Q1 2024 onwards through the development of the Migration Control Centre (MCC). These requirements will include:

- How EES data is ingested into the MCC;
- The timings for reporting;
- The approach to reporting through the Programme governance structure.

There will also be a requirement on Elexon to monitor the Interim Information (II) settlement run for the settlement date following M15 to ensure no data has been submitted by any Data Aggregators.

The metrics that will be tracked through this reporting mechanism include:

- The number of MPANs that have been migrated;
- The outstanding number of MPANs to be migrated;
- The total number of MPANs remaining across all 'unacceptable' states.

---

## 5.1 Acceptable MPAN States at M15

The primary aim of the Migration Period will be to ensure that at M15, all MPANs are in one of the 'acceptable' MPAN states set out below. These are the only acceptable states that will be permissible at M15. Throughout the Migration Period, the MHHS Programme will regularly report on the number of MPANs that are in each of these states in order to track the progress of the MHHS Migration Period. How exactly this will be measured and when this reporting will be carried out will be developed through the MWG in Q1-Q2 2024 and will be captured in the requirements for the MCC.

---

### 5.1.1 A MPAN in an Operational state that has migrated to the MHHS arrangements

**Definition:** This is an MPAN that has been allocated to an MHHS qualified Supplier, it has the mandatory data items populated and is currently operating in a BAU MHHS day-to-day operational status.

**How it will be reported on:** EES data will be used to confirm that both a Metering Service (MS) and a Data Service (DS) have been appointed for an MPAN. This will mean that the Registration Service has generated an IF-036 for both the MS and the DS and has sent a D0209 to de-appoint the Data Aggregator.

**When it will be reported on:** The validation that all Data Aggregators have been de-appointing will occur shortly after the M15 date via reporting that confirms no settlement data has been submitted under legacy arrangements in the II settlement run.

Ongoing operational reporting on this population will also occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

---

### 5.1.2 A MPAN in a Terminated state that does not have a registration in an active state

**Definition:** This is an MPAN that has been terminated and no longer has a Supplier (MHHS or legacy) allocated to it. It cannot be reverted to operational status.

**How it will be reported on:** EES data will be used to confirm which MPANs have not been registered to a Supplier and have a 'Terminated' RMP status.

**When it will be reported on:** The validation that all active registrations have been de-activated for terminated MPANs will occur shortly after the M15 date (once the SLA for de-activation has passed).

Ongoing operational reporting on this population will also occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

Note, there will be no requirement for the migration process to be executed for MPANs in this state.

---

### 5.1.3 A MPAN in a Created state that has a registration in an active state with a MHHS qualified Supplier

**Definition:** This is an MPAN that has been created and has been allocated to a MHHS qualified Supplier, but does not have the mandatory data items populated.

**How it will be reported on:** EES data will be used to confirm that an MPAN is registered to a MHHS qualified Supplier and has a 'Created' RMP status.

**When it will be reported on:** Ongoing operational reporting on this population will occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

At the point of M15, a final report will also be produced to ensure that this criterion has been met.

Note, there will be no requirement for the migration process to be executed for MPANs in this state.

---

### 5.1.4 A MPAN in a Created state that no initial registration has been submitted for (Untraded)

**Definition:** This is an MPAN that has been created but has not been allocated to a (MHHS or legacy) Supplier.

**How it will be reported on:** EES data will be used to confirm that an MPAN is not registered to a legacy or MHHS qualified Supplier, has no agents appointed (legacy or MHHS) and has a 'Created' RMP status.

**When it will be reported on:** Ongoing operational reporting on this population will occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

At the point of M15, a final report will also be produced to ensure that this criterion has been met.

Note, there will be no requirement for the migration process to be executed for MPANs in this state.

---

## 5.2 Unacceptable MPAN States at M15

The primary aim of the Migration Period will be to ensure that at M15, all MPANs are in one of the 'acceptable' MPAN states. This means that no MPANs should be in an 'unacceptable' state at M15.

Throughout the Migration Period, the MHHS Programme will regularly report on the number of MPANs that are in each of the 'unacceptable' states to track the progress of the MHHS Migration Period. How exactly this will be measured and when this reporting will be carried out will be developed through the MWG in Q1-Q2 2024 and captured in the requirements for the MCC.

---

### 5.2.1 A MPAN in an Operational state that has a registration in an active state but has not been migrated to the new MHHS arrangements

**Definition:** This is an MPAN that has been allocated to a Supplier but is currently operating under the legacy arrangements.

**How it will be reported on:** EES data will be used to confirm the number of MPANs that have a 'Operational' RMP status and still have legacy Agents appointed.

---

**When it will be reported on:** Ongoing operational reporting on this population will occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

At the point of M15, a final report will also be produced to ensure that this criterion has been met.

---

### **5.2.2 A MPAN in a Terminated state that has a registration in an active state but has not been migrated to the new MHHS arrangements\***

**Definition:** This is an MPAN that has been terminated but is still allocated to a Supplier and could be reverted to legacy operational status.

\*MPANs outside of the SLA for Suppliers de-registering will be treated as non-conformant at the end of the Migration Period.

**How it will be reported on:** EES data will be used to identify MPANs that have a 'Terminated' RMP status but have an active registration.

**When it will be reported on:** The validation that all active registrations have been de-activated for terminated MPANs will occur shortly after the M15 date (once the SLA for de-activation has passed).

Ongoing operational reporting on this population will occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

At the point of M15, a final report will also be produced to ensure that this criterion has been met.

---

### **5.2.3 A MPAN in a Created state that has a registration in an active state with a Supplier that is not MHHS qualified**

**Definition:** This is an MPAN that has a registration in an 'Active' state with a legacy Supplier (not MHHS qualified) and a 'Created' RMP status.

**How it will be reported on:** EES data will be used to identify MPANs that have a 'Created' RMP status and have a registration in an active state with a Supplier that is not MHHS qualified.

**When it will be reported on:** Ongoing operational reporting on this population will occur throughout the Migration Period. The cadence for this reporting will be developed through the development of the requirements for the MCC.

At the point of M15, a final report will also be produced to ensure that this criterion has been met.

---

## **6 M15 Acceptance Criteria**

This section sets out the complete set of M15 Acceptance Criteria. Each of these criteria will need to have been deemed as met by the MHHS Programme in order for the M15 milestone to be considered achieved.

### **1. All MPANs have been migrated to the new MHHS arrangements**

This means that all MPANs have been migrated to one of the 'acceptable' MPAN states.

### **2. All MPANs are in an 'acceptable' MPAN state and no MPANs exist in the 'unacceptable' MPAN states**

This means that no MPANs are in any of the 'unacceptable' MPAN states.

---

### **3. No data is being sent through legacy settlement for any settlement dates after M15**

This means that no MPANs are being settled under the legacy arrangements at M15.

---

## **7 Assumptions, Risks and Dependencies**

---

### **7.1 Assumptions**

- No reverse migrations will take place from M14 onwards.
- The MHHS Programme will have access to the relevant data to track progress towards achieving the acceptance criteria across the Migration Period.
- The Programme will share a reporting template with Programme participants that will allow data to be ingested into the MCC.

---

### **7.2 Risks**

- There is a risk that there will be a number of MPANs that have still not been migrated towards the end of the Migration Period that places M15 at risk.
- There is a risk that the M15 date aligns to an I&C contract round.

---

### **7.3 Dependencies**

- There is a dependency on Suppliers fulfilling their Migration Plans throughout the Migration Period.
- There is a dependency on the activities set out within the MHHS Data Cleanse Plan being completed ahead of the start of Migration.
- There is a dependency on the acceptance criteria reporting requirements being developed through the development of the MCC in 2024.