

# Welcome & Housekeeping



**LAURA EDWARDS**  
PR & Events Manager



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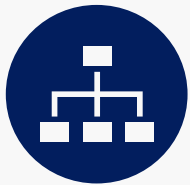


Please ask any general questions in Teams chat function  
If you have a question on a certain agenda item, please raise your hand, when it is being presented



This meeting is being recorded and will be made available on our website.

# Aims & Objectives



Provide an overview of consequential changes & activities that all REC Parties need to take in relation to the REC before required for MHHS go-live in March 2025.



Highlight consequential changes & activities that will impact user systems and processes



Opportunity for stakeholders to ask questions regarding the consequential changes & activities to the REC for the MHHS programme

# Agenda

**01** Introduction

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**02** DTN Changes

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**03** Switching Exceptions & Switch  
Meter Reads

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**10** EES Changes (GUI & API)

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**04** Supply Number Changes  
(R0083)

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**05** SSC TPR changes – Meter  
Configuration Table

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**06** Supporting Forward/  
Reverse Migration

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**07** Legacy Change Assurance

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**08** REC Data Cleanse  
Requirements

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**09** PARC

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# Your Speakers



**JON HAWKINS**  
Director of Operations  
Programmes



**JONNY MOORE**  
MHHS Delivery  
Manager



**SARAH JONES**  
MHHS Consultant



**HARRIET TRUSS**  
REC Code Manager



**RYAN DALE**  
REC Code Manager



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REC Code Manager



**DANIEL RODGERS**  
REC Code Manager



**NIRAV VYAS**  
REC Code Manager



# Introduction

Jon Hawkins- *Director of Operations Programmes*

# Introduction

MHHS is being implemented through a phased implementation, allowing parties who are able to implement the MHHS arrangements earlier than others to **move at a faster pace** and begin migrating their portfolios at the earliest opportunity. Parties will qualify in 'waves' based on their overall progress and readiness for MHHS, on the basis **all parties must be qualified by milestone M14**.

This **allows parties who are not able to implement MHHS arrangements when they go-live to target a later implementation**, without slowing down the overall implementation of MHHS in the market.

However, there are some code changes required for MHHS which will need to be **implemented by all parties at MHHS go-live**.

Not all parties may be aware that **some changes are still required at MHHS go-live, regardless of their assigned Qualification Wave**.

In this session, we will provide an overview of these changes to assist planning and understanding.





# DTN changes

Jonny Moore - *MHHS Delivery Manager*

# Changes to REC Owned DTC Flows

Changes are required to a small number of DTC flows to reflect the MHHS design. These are primarily minor amendments to confirm how particular data items should be treated, add new values to data items to support migration and clarify that in MHHS the cumulative register should be used for meter readings taken from Smart Meters.

Two data flows, the D0303 '*Notification of Meter Operator, Supplier and Metering Assets installed/removed by the MOP to the MAP*' and the D0311 '*Notification of Old Supplier Information*' will be uplifted to a new version.

In addition; due to the introduction of new Market Roles for MHHS, new Scenario Variants have been created for 36 data flows.

The relevant new MHHS Market Roles are:

V	Smart Data Service Agent (SDS)
O	Advanced Data Service Agent (ADS)
S	Smart Meter Equipment Manager (MSS)
T	Advanced Meter Equipment Manager (MSA)

# Changes to REC Owned DTC Flows

- The DTC changes will be introduced via the normal release process on MHHS Programme Milestone 8 (M8) 'Code Changes Delivered' currently planned for the **7<sup>th</sup> March 2025**.
- Electralink have already updated the DTS for these changes to allow test flows only to be sent for MHHS SIT Testing.
- A further change will be raised to remove redundant flows following the end of the MHHS Migration Period – currently planned for **5<sup>th</sup> October 2026**.
- The redlined versions of the flow changes have been made available in the MHHS Section of the REC Portal. - [Market-wide Half Hourly Settlement \(MHHS\) - REC Portal](#)

# REC Owned DTC Flows Requiring MHHS Change



Data Flow ID	Data Flow Name	MHHS Change	Notes
D0139	Confirmation or Rejection of Energisation Status Change	<ul style="list-style-type: none"> <li>New rule to clarify that meter readings for Smart Meters in MHHS should relate to the total cumulative register</li> </ul>	
D0149	Notification of Mapping Details	<ul style="list-style-type: none"> <li>Replacement of NHH references with Traditional Metering Assets</li> </ul>	
D0150	Non-Half-hourly Meter Technical Details	<ul style="list-style-type: none"> <li>New rule to populate Measurement Class Id as 'null' for MHHS MPANs</li> <li>Flow name amended to 'Traditional Meter Technical Details'</li> </ul>	
D0170	Request for Metering System Related Details	<ul style="list-style-type: none"> <li>Add new values for the J0007 'Requested Action Code'</li> <li>New Data Item Value rule to clarify that the 'New Meter Operator Id' or 'New Data Collector Id' for migration specific events relate to the Smart/Advanced MEM/Data Service.</li> </ul>	<p>New 'Requested Action Code' Values</p> <p>24 – Migrated Metering Point (COA)</p> <p>25 – Migrated Metering Point (COS)</p>
D0268	Half Hourly Meter Technical Details	<ul style="list-style-type: none"> <li>Flow name amended to 'Advanced Meter Technical Details'</li> </ul>	
D0300	Disputed Readings or Missing Readings on Change of Supplier	<ul style="list-style-type: none"> <li>New rule to clarify that meter readings for Smart Meters in MHHS should relate to the total cumulative register</li> </ul>	D0300 for Traditional Meters will be sent at register level as now.
D0303	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	<ul style="list-style-type: none"> <li>J0049 'Effective from Settlement Date {REGI} and J0410 'Manufacturers Make &amp; Type' data items made optional</li> <li><b>Flow version updated to v2.0</b></li> </ul>	
D0304	Notification of Meter Asset Provider	<ul style="list-style-type: none"> <li>New value added to J2255 'MPAS D0304 Response Code'</li> </ul>	Add new Response Code Q "MPAN Fwd migration in progress or completed"
D0311	Notification of Old Supplier Information	<ul style="list-style-type: none"> <li>New rules to clarify that Profile Class and Meter Timeswitch Class should be null if no value exists for MHHS MPANs</li> <li>LLFC should be populated with the DUoS Tariff Id for MHHS MPANs</li> <li>EACs should only be provided for non-MHHS MPANs.</li> <li>TPRs to be provided with last actual reading to clarify mapping of previous meter setup in the event of a switch read dispute.</li> <li><b>Flow version updated to v2.0</b></li> </ul>	
D0312	Notification of Meter Information to MPAS	<ul style="list-style-type: none"> <li>New value added to J2256 'MOP Flow Response Code'</li> </ul>	Add new Response Code AD "MPAN Fwd migration in progress or completed"

# REC Owned DTC Flows with new Scenario Variants



ID	Name	New SVs
D0126	Asset Condition Report Response / Clearance	MSS + MSA
D0134	Request to Change Energisation Status	MSS + MSA
D0135	Asset Condition Report	SDS, ADS, MSS + MSA
D0136	Report to Supplier of Possible Irregularity	SDS, ADS, MSS + MSA
D0139	Confirmation or Rejection of Energisation Status Change	MSS + MSA
D0142	Request for Installation or Change to a Metering System Functionality or the Removal of All Meters	MSS + MSA
D0149	Notification of Mapping Details	SDS + MSS
D0150	Non- Half-hourly Meter Technical Details	SDS + MSS
D0168	Request for Additional/New MPAN Core(s)	MSS + MSA
D0169	Allocation of New/Additional MPAN Core(s)	MSS + MSA
D0176	Request Tariff/Debt Change on Token Meter	MSS
D0178	Confirmation of Token Meter Installation	MSS
D0179	Confirmation of Energisation/De-Energisation of Prepayment Meter	MSS
D0180	Request to Energise/De-Energise/Shut Down Prepayment Meter	MSS
D0190	Issue Customer Key	MSS
D0191	Request Special Visit to Read/Reset Key Meter	MSS
D0192	Readings and Settings from a Token or Key Meter	MSS
D0193	Confirmation of Key Meter Installation	MSS

# REC Owned DTC Flows with new Scenario Variants



ID	Name	New SVs
D0194	Request for Installation of Key Meter	MSS
D0202	Readings and Settings from a Removed Smart Card Meter	MSS
D0215	Provision of Site Technical Details	MSS + MSA
D0216	Request Installation of Token Meter	MSS
D0221	Notification of Failure to Install or Energise Metering System	MSS + MSA
D0222	Change in Customer Details	SDS, MSS + MSA
D0223	Request to Install Check Meter or Carry Out Accuracy Tests	MSS + MSA
D0224	Notification of Programme for Re-Certification Meter Changes	MSS + MSA
D0225	Priority Services Details	SDS, ADS, MSS + MSA
D0239	Revenue Protection Report on Action Taken	MSS + MSA
D0268	Half Hourly Meter Technical Details	ADS + MSA
D0302	Notification of Customer Details	SDS, ADS, MSS + MSA
D0303	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	MSS + MSA
D0304	Notification of Meter Asset Provider	MSS + MSA
D0368	Notification of Agreed or Cancelled Appointment With Customer	MSS + MSA
D0382	Rejection Response for Request to LDSO for Site Technical Details	MSS + MSA
D0383	Notification of Commissioning Information	MSA
D0384	Notification of Commissioning Status	MSA



# Switching Exceptions and Switch Meter Reads

Sarah Jones - *MHHS Consultant*

# Switching Impacts

No change to CSS process. Changes introduced into SMRS notifications under the BSC highlighted in red below

Supplier submits  
Initial Registration /  
Switch Request to  
CSS



CSS validates and confirms  
Pending Registration to  
Supplier and ERDS

SMRS issues Pending  
Registration  
notification via the  
DIP



CSS issues Secured Active  
Notification to Supplier and  
ERDS



SMRS issues Secured  
Active Registration  
notification via the DIP

**Gate Closure**  
**Switch / Initial Registration Secured**

# Supplier Exception Processes

## Current

Erroneous Switch and Switch Meter Reading exceptions process only applicable to NHH.

Triggers for Switch Meter Reading exceptions process differentiate between DCC enrolled meters (10WDs) and non DCC enrolled meters (15WDs)

## MHHS

Restriction removed from Erroneous Switch and Switch Meter Reading exceptions to align to other processes in Schedule 30 (CFSB).

Trigger for electricity Switch Meter Reading exceptions process aligned for all electricity meters to reflect the new Market Segments and the MHHS timescales (10WDs) for MHHS Metering Points.

## In addition:

**1** Change made to clarify that Cumulative Register Reads should be used for Smart meters and Meter Register Reads for Traditional meters

**2** Changes made to clarify that amended bills should cover the full period of erroneous data regardless of whether an equivalent correction is applied within settlements

**3** New enumeration added to Reading Type (J0171) Data Item for 'Supplier Agreed Switch Read' in D0010. This indicates to the Data Service that the read is resolving a Switch Metering Reading exception



# Changes to Supply Number Format (R0083)

Harriet Truss- *REC Code Manager*

# Supply Number Format

Initially progressed as a REC consequential change, however following consultation with industry, there was no clear consensus on a preferred approach. Therefore, was taken through the full REC change process.

## What is the Supply Number?

Suppliers, as part of their license, must include the Supply Number on all customer bills, or an annual statement where a bill is not issued. The Supply Number format is prescribed in the REC data specification

## What change is happening?

MHHS Design impacts all three data items in the top line of the Supply Number.

- Profile Class Id – retained for traditional meters
- MTC – redundant
- LLFC Id – redundant

## Why is Profile Class becoming optional?

MHHS will use actual half hourly data and will no longer use profile curves for settlement. Therefore, Profile Class is only needed for traditional meters

## Why are MTC / and LLFC Id being removed?

Meter Timeswitch Code is not used in any MHHS processes, and the information can be derived from other data items e.g. meter type.

LLFC Id is being replaced with a DUoS Tariff Id within the MHHS design

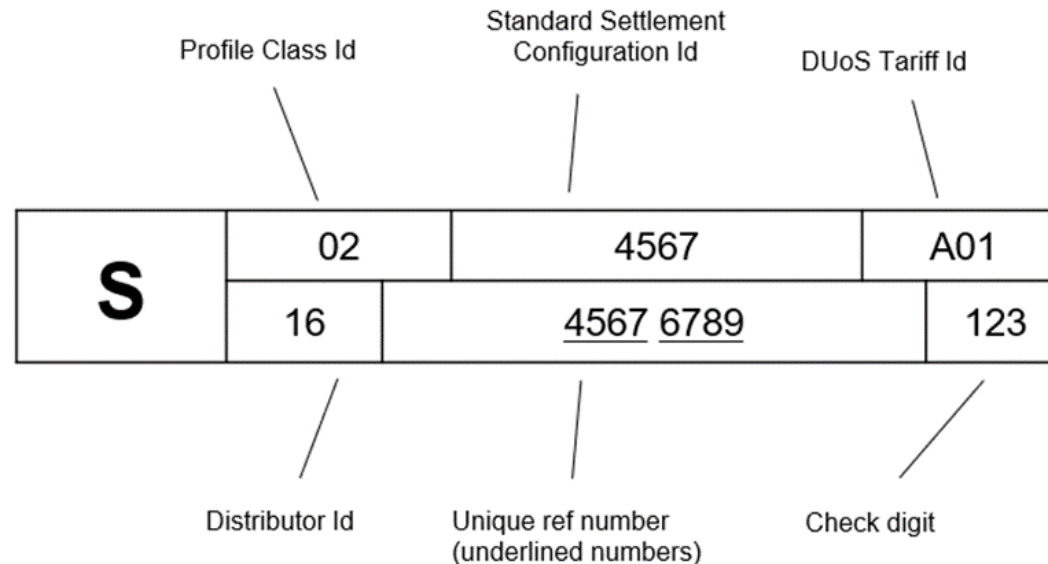
## What change is being made to the REC?

R0083 was approved to **amend** the top line of the Supply Number format

- [R0083 - Changes to Supply Number Format for MHHS](#)
- The new format:
  - Retains the Profile Class Id
  - Replaces Meter Time switch Code (MTC) with Standard Settlement Configuration (SSC) Id
  - Replaces Line Loss Factor Configuration (LLFC) Id with DUoS Tariff Id
- Implementation at MHHS go-live (M8), for all MPANs
- From M8 for all MPANs, all bills or annual statements produced should use the new format
- [Approved legal text](#)

# R0083 Implementation guidance

DATA ITEM	NON-MIGRATED MPANS	MIGRATED MPANS
<b>Profile Class Id</b>	Populate from existing Profile Classes	Continue as currently for MPANs with a Profile Class of '02' or '04' Populate with '00' for any MPANs that do not have a Profile Class
<b>SSC Id</b>	Populate from the SSC Id valid set	Populate from the SSC Id valid set for Traditional Meters Populate with '0000' for any MPANs for which the SSC Id is not applicable
<b>DUoS Tariff Id</b>	Populate from the LLFC Id valid set	Populate from the DUoS Id valid set - this is the same as the LLFC Id valid set
<b>Bottom line Data Items</b>	Continue as currently	





# Meter Configuration Table

Ryan Dale - *REC Code Manager*

# Metering Configuration Table

This change proposes introducing a new enduring process under REC governance to maintain a table of metering configuration domain data, including Standard Settlement Configuration (SSC) and Time Pattern Regime (TPR).

The proposed approach is to retain a single set of valid SSCs that apply nationwide across all distribution networks or geographical areas.

## A Category 3 Change Proposal has been raised to:

**Adopt hosting of 4  
Tables within the  
EMAR/Digital Navigator**

**Proposed format of the  
tables is CSV and/or SQL**

**Change to be managed via  
Technical Change, with  
governance managed by the  
MEP.**

**Consultation on the Meter  
Configuration table format  
and approach is live  
until 26th July 2024**

**Category 3 Change Link - <https://recportal.co.uk/group/guest/-/c3-0089-meter-configuration-table-new-1>**

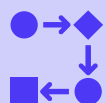
# Meter Configuration Table



Hosting of the table will begin on or around MHHS Milestone **M8 (March 2025)**. RTS will engage with the existing host to ensure a smooth transition.



It is expected that **the** data held within the Configuration table will be subject to monthly review and occasional change (albeit at lower levels than prior to transition)



Changes will be managed via the Technical Change route, with governance managed by the Metering Expert Panel (MEP).



REC Parties will be able to propose changes leading to an Impact Assessment (IA). Any received comments are considered and actioned as appropriate and sign off would be undertaken monthly by the MEP.

# Table Examples

**MDD Entity Id 27 – Clock Interval** **MDD Entity ID 27 – Clock Interval (c.11,000 records)**

Time Pattern Regime Id	Day of the Week Id	Start Day	Start Month	End Day	End Month	Start Time	End Time

**MDD Entity Id 29 - Measurement Requirement** **MDD Entity ID 29 – Measurement Requirement (c.1500 records)**

Standard Settlement Configuration Id	Time Pattern Regime Id

**MDD Entity Id 32 - Standard Settlement Configuration** **MDD Entity ID 32 – Standard Settlement Configuration (c.1000 records)**

Standard Settlement Configuration Id	Effective From Settlement Date {SSC}	Effective To Settlement Date {SSC}	Standard Settlement Configuration Description	Standard Settlement Configuration Type	Teleswitch User Id	Teleswitch Group Id

**MDD Entity Id 38 - Time Pattern Regime** **MDD Entity ID 38 – Time Pattern Regime (c.1200 records)**

Time Pattern Regime Id	<u>Teleswitch</u> / Clock Indicator	GMT Indicator



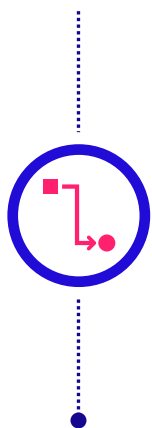
# Supporting Forward / Reverse Migration

Sarah Jones - *MHHS Consultant*

# Migration of Metering Points

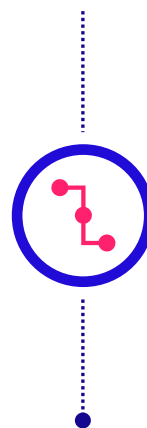
MHHS Migration is carried out separately for each Metering Point. The process for progressing MHHS Migration is defined in the Migration Design Document: [MHHS-DEL961 - Migration Design Document v1.4.pdf \(mhsprogramme.co.uk\)](https://mhsprogramme.co.uk/MHHS-DEL961-Migration-Design-Document-v1.4.pdf)

## Forward Migration CoA



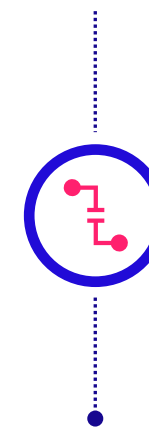
When SMRS receives an appointment request via the DIP for a Metering Point currently under legacy arrangements, it follows the Forward Migration CoA process, sending the D0170 to the losing Supplier Agents to trigger the sending of MTDs, and sending DIP messages to the gaining Supplier Agents as per MHHS BAU.

## Forward Migration CoS



When SMRS receives a pending Switch notification for an MHHS Qualified Supplier for a non migrated Metering Point, it issues both DTN and DIP messages to the Gaining Supplier who can then determine whether to migrate the Metering Point in parallel with the Switch. If the Supplier responds with appointment requests via the DIP it follows the Forward Migration process

## Reverse Migration



If an unqualified Supplier registers a migrated Metering Point, SMRS follows the **Reverse Migration** process, allowing the Supplier registration to proceed and the Metering Point to return to legacy arrangements.

# Migration Change Applicable to all Participants

MTD Transfer Request (D0170)	MOA Appointment (D0155)	Meter Read Transfer (D0010 and D0086)	Skeleton D0150	NHH Advanced
<p>On Forward Migration the Losing MOA will receive a D0170 requesting MTD transfer, from SMRS rather than from Gaining MOA.</p> <p>Two new enumerations added to the D0170 Requested Action Code Data Item (J0007):</p> <ul style="list-style-type: none"> <li>a. 24 – Migration CoA</li> <li>b. 25 – Migration CoS.</li> </ul> <p>MTDs for Traditional and Advanced Metering Assets to continue to be sent via the DTN using the new MHHS MOA Role Codes.</p>	<p>New Data Item Rule added: If the Supplier Agent appointment is coincident with a Reverse Migration, then an additional Group 318 (Agreed Service Details) will be included.</p> <p>Within this group, the below values will be included:</p> <ul style="list-style-type: none"> <li>a. Service Reference (J0274) will be 'REVM'</li> <li>b. Service Level Reference (J0275) will be 'REVM'</li> </ul>	<p>Arrangements for sending meter read data during migration will be set out in the BSC (new BSCP708).</p> <p>Three new enumerations added to the Reading Type Data Item (J0171) used within the D0010 and D0086:</p> <ul style="list-style-type: none"> <li>a. U – Forward Migration CoA</li> <li>b. V – Forward Migration CoS</li> <li>c. Reverse Migration</li> </ul>	<p>Under MHHS arrangements, the D0149 / D0150 are required for Traditional Metering Assets but not Smart Metering Assets.</p> <p>Where a Smart Metering Asset is Reverse Migrated, the outgoing Smart MOA will create a Skeleton D0150 with mandatory Data Items only and send this to the Gaining MOA and Gaining Supplier. The Gaining Supplier will send a D0367 to the Gaining MOA with tariff information, enabling the Gaining MOA to create a D0150 / D0149 pair.</p>	<p>Where an Advanced Metering Asset undergoes Reverse Migration, the Supplier may determine that they wish to settle the Metering Point as NHH.</p> <p>In this scenario the Supplier shall instruct the legacy MOA to transform the MTDs from a D0268 to a D0150/D0149 and a D0313 via the appointment processes and D0142, which will contain a reference to the Standard Settlement Configuration that the meter should be capable of supporting.</p>

# Additional MPRS Validation

New MPRS validation rules applied if Forward Migration is underway, or the Metering Point is being settled under MHHS arrangements.

## MTD Transfer (D0312)

The D0312 is sent to SMRS to update MTDs following meter works. The D0312 will be rejected if Forward Migration is underway or the MPAN is MHHS.

One new enumeration added to the MOP Flow Response Code Data Item (J2256): AD - Forward Migration Underway or MPAN is MHHS.

## Related Metering Point Update (D0386)

The D0386 is sent to SMRS to update Related Metering Point associations. The D0386 will be rejected if Forward Migration is underway or the MPAN is MHHS.

One new enumeration added to the Related MPAN Response Code Data Item (J2240): Y - Forward Migration Underway or MPAN is MHHS.

## MAP Update (D0304)

The D0304 is sent to Market Participants to update the Meter Asset Provider. The D0304 will be rejected if Forward Migration is underway or the MPAN is MHHS.

One new enumeration added to the MPAS D0304 Response Code Data Item (J2255): Q - Forward Migration Underway or MPAN is MHHS.

## Registration Data Update (D0205 / D0203)

The D0205 is sent to SMRS to update Registration Data. The D0205 will be rejected if Forward Migration is underway or the MPAN is MHHS. The rejection will be sent using the D0203.

One new enumeration added to the Rejection Reason Code Data Item in the D0203 (J0107): 62 - Forward Migration Underway or MPAN is MHHS.



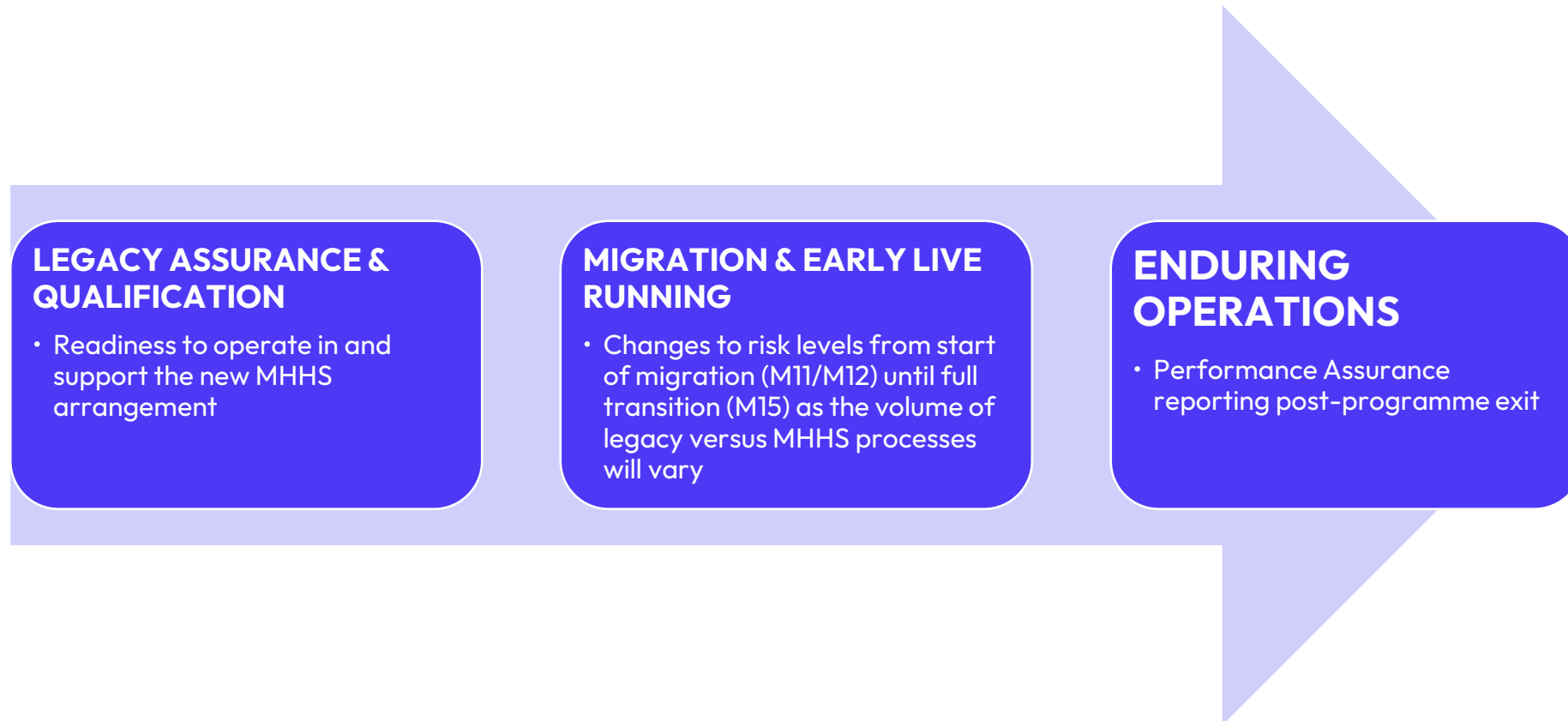
# REC Performance Assurance and MHHS

Anton Moden – *REC Code Manager*

# REC Performance Assurance and MHHS

## Performance Assurance Approach

Performance Assurance will consider risks throughout the lifecycle of the MHHS Programme, and we will adapt our approach depending on the evolving risk profile.





# REC Performance Assurance: Legacy Change Assurance

Daniel Rodgers - *REC Code Manager*

# Legacy change assurance

## Assurance of Legacy Suppliers and Meter Operating Agents, under the REC, to support MHHS Cutover:

To check the readiness of REC Parties to implement changes required under the REC, including Supply Number and DTN changes, in time for MHHS cutover, the REC PAB has approved the application of the following Performance Assurance Techniques (PATs):

**April to July 2024:** Issue a Request for Information (RFI) to all relevant REC Parties requesting their plans for assessment to identify any risks to delivery.

*The RFI was issued to SIT Parties on 07 June with their response due on 08 July.*

*For Non-SIT Parties, this information has been requested within the Pre-Qualification Submission (PQS) ✓*

**December 2024 to February 2025:**  
Require a declaration from the Company Director (or delegate) of all REC Parties confirming they will implement the required changes on time to support MHHS cutover.



**August to November 2024:** Issue Self-Assessments and Action Plans only to Parties where risk to delivery have been identified to track progress.



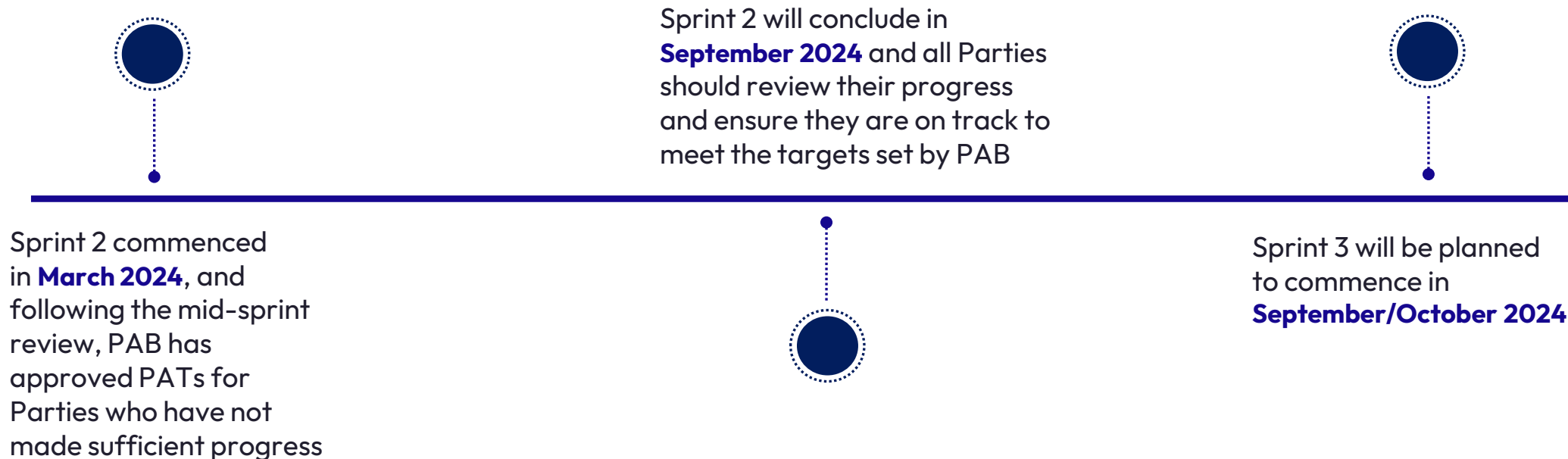
# REC Performance Assurance: REC Data Cleanse – interactions with MHHS Programme

Nirav Vyas – *REC Code Manager*

# REC Data Cleanse

REC operates data cleanse as part of BAU Performance Assurance separate to the MHHS Programme. The Code Manager has considered how work under the Data Cleanse Sprints (that form part of the Performance Assurance Operating Plan managed by the REC PAB) should be prioritised to reflect REC-related MHHS Programme risks and/or to prioritise cleanse that will also be of benefit to the Programme where appropriate.

In Sprint 2, we have prioritised the 'Energised No MSN' report to support REC Parties to prepare for MHHS transition



The Code Manager is considering prioritising reports related to MTD population activity that is expected to complete around that time. We engage with industry before each sprint through the RIG, which is your opportunity to understand and input into data cleanse activities. Please note, other data cleanse activity scheduled and managed by the MHHS Programme is outside the scope of REC Performance Assurance.



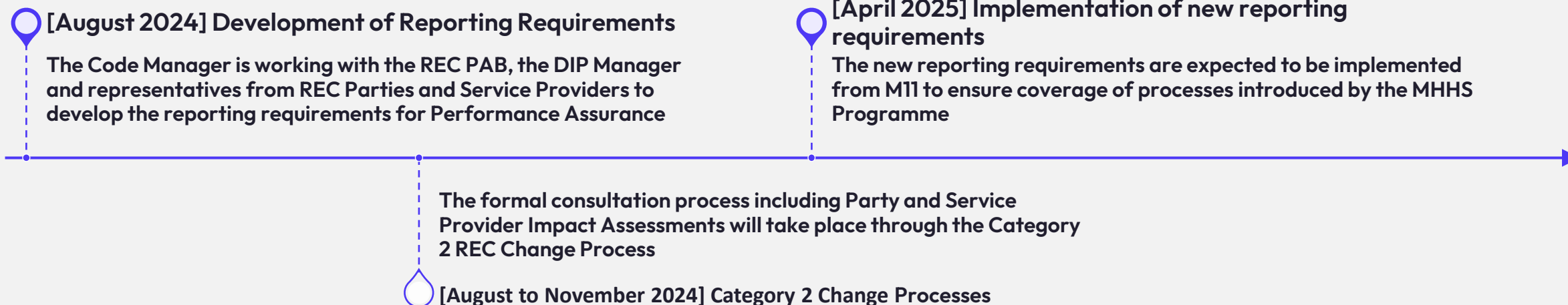
# REC Performance Assurance: Upcoming PARC updates

Nirav Vyas - *REC Code Manager*

# PARC updates

**To monitor processes that are introduced or amended by the MHHS Programme, the Code Manager is developing new reporting requirement. We expect this to impact the DIP Manager, CSS Provider, EES Provider, Meter Operator Agents (MOAs) and Distribution Network Operators (DNOs)**

- The high-level timeline for the delivery of PARC changes is set out below
- This change will be made through the normal Category 2 Change Process, with the opportunity for all REC Parties and Service Providers to provide input
- New reporting is expected to be delivered from the start of MHHS migration to ensure performance monitoring from the time the new arrangements go-live





# EES Changes (GUI and API)

Jonny Moore - *MHHS Delivery Manager*

# Overview of the EES Changes

Changes needed to Electricity Enquiry Service (EES) to reflect;



New, amended or removed data items from MHHS design



New user roles to reflect new & amended market participants



Move to event driven architecture & near-real time updates to data



Forward/ reverse migration between legacy and MHHS arrangements

# Data Items

## New Data Items\*

- Domestic Premises Indicator
- DUoS Tariff ID + EFD
- Market Segment Indicator + EFD
- Annual Consumption + EFD
- Annual Consumption Quality Indicator
- Assigned MDR MPID,DIP ID + EFD
- Data Service MPID, DIP ID + EFD
- Meter Manufacturer
- Customer Direct Contract Data Service (MPID + DIP ID)
- Customer Direct Contract Metering Service\*\* (MPID +DIP ID)
- Supplier, Metering Service\*\* + DNO DIP ID
- MHHS Indicator + EFD

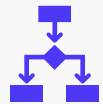
## Removed Data Items

- MPAN Designation
- Line Loss Factor Class ID + EFD
- Measurement Class ID + EFD
- Meter Time Switch Class + EFD
- Related MTC
- Data Aggregator MPID + EFD
- Data Collector MPID + EFD
- SMETS Version
- CSS Supplier Start Data + EFD
- Energy Direction ETD + EFD
- Connection Type ETD

\*This does not include the items introduced on 30th June 2023 as part of R0032 and R0066

\*\*The Meter Operator will be rebadged as 'Metering Service' to acknowledge this also includes the UMSO

# Migration Considerations



The updated data items and screen layout will be provided for all MPANs that have migrated to MHHS Arrangements



MPANs within legacy arrangements will continue to have the legacy data items and screen layout displayed until such time as they are migrated to MHHS



A new data item 'MHHS Indicator' will indicate whether an MPAN has been migrated to MHHS, is still within legacy arrangements or has been reverse migrated



MPANs that have been reverse migrated will continue to show a static Annual Consumption, effective from date and Quality Indicator that was populated while the MPAN traded within MHHS

# API Design Principles



New Data items will be added to the end of the payload



The same file will be provided independent of a parties MHHS qualification status



The means of connecting to the API will remain unchanged



Items not populated for an MPAN will be provided as 'Null' values

# API Specific Changes

- All new data items present in the EES Portal will also be shown in the API. These will be returned in queries for all MPANs and will not be populated for non-migrated MPANs.
- Items removed for MHHS will also continue to be returned but will not be populated for MHHS MPANs.
- As such all Parties, irrespective of MHHS qualification status, will receive an updated API return from M10. (Currently 7<sup>th</sup> March 25)
- The API will continue to show the most recent data items only, with the exception of MPAN Relationships and Associations where a history will continue to be returned.
- Test versions of the MHHS API will be made available for MHHS SIT Parties for Migration testing (10/06/24 - 18/10/24) and for all EES Users in parallel to MHHS UIT testing from 31/10/24.

Any party wanting to access the test version of the API from October should contact C&C direct at [Support@candc-uk.com](mailto:Support@candc-uk.com).

# API Impacts



Changes to the API will impact **'all users'**  
independent of their MHHS status or  
involvement

# Q&A

**Please use the Microsoft Teams Q&A function to ask questions.**

Remember that questions are not anonymous.

They should be relevant to the topic and avoid mentioning other organisations.

Thank you for  
*attending*

For any half hourly queries contact:  
[mhhs@retailenergycode.co.uk](mailto:mhhs@retailenergycode.co.uk)

**Contact us**

[www.retailenergycode.co.uk](http://www.retailenergycode.co.uk)

For general queries contact:  
[communications@retailenergycode.co.uk](mailto:communications@retailenergycode.co.uk)