



# EES Portal Demo

15 July 2025



A person with long, wavy hair is seen from behind, sitting at a desk. On the desk, there is a laptop and a pair of glasses. The scene is dimly lit, suggesting an indoor setting like a home office or a meeting room.

# *Welcome & Housekeeping*

## **During the event, please:**

- Keep your microphone off
- Raise your hand to ask a question
- Keep questions relevant and avoid mentioning other organisations
- Questions may be visible to others after the event
- This event will be recorded and shared on our YouTube channel and website

**Thank you**

# Overview of the EES Changes

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



New, amended or removed data items from MHHS design

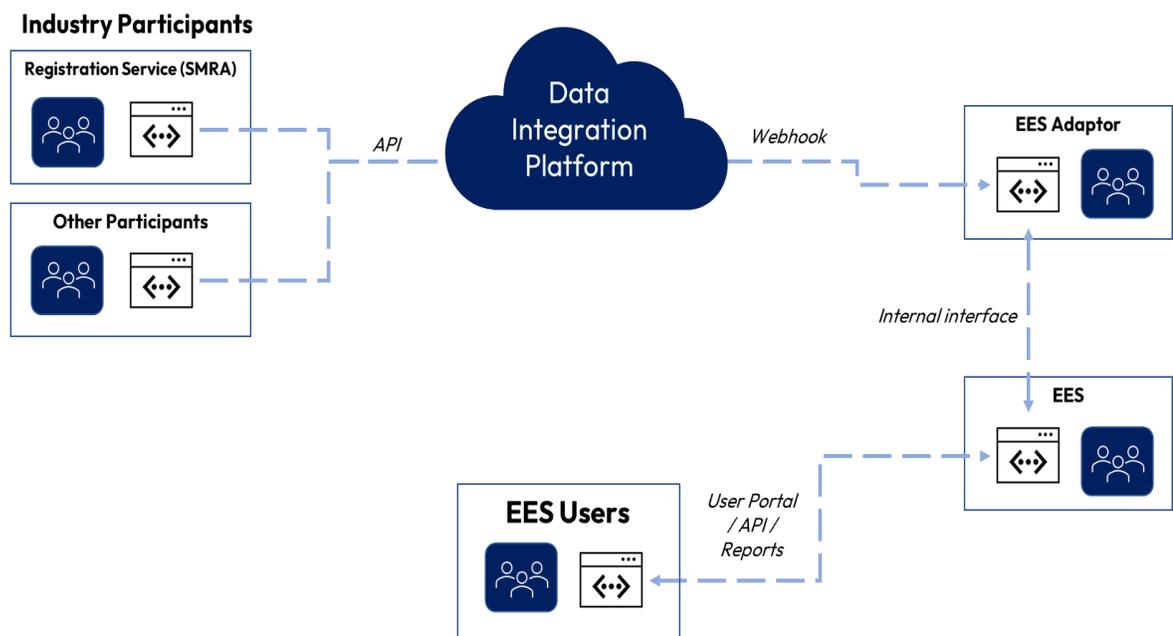


Move to event driven architecture & near-real time updates to data



Forward/ reverse migration between legacy and MHHS arrangements

## Near real-time updates from the DIP



- In the new arrangements, EES will interface directly with the Data Integration Platform (DIP), replacing the current daily interface with ERDS
- This will allow near real-time updates of most data items and provide a simplified model, allowing future innovation
- EES subscribes to appropriate DIP messages confirming data items have been updated
- Items sourced from CSS will now be updated directly from CSS messaging

## EES MHHS data items

### New MHHS only Data Items\*

- 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

### Legacy Data Items not used in MHHS

- MPAN Designation (removed for both MHHS and legacy with the DPI populated for all MPANs)
- 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

\*This does not include the MHHS enabling data items introduced on 30th June 2023 as part of R0032 and R0066. These will continue to be present for all MPANs.

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

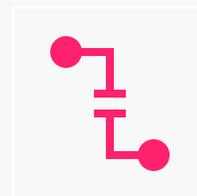
# Migration Considerations



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

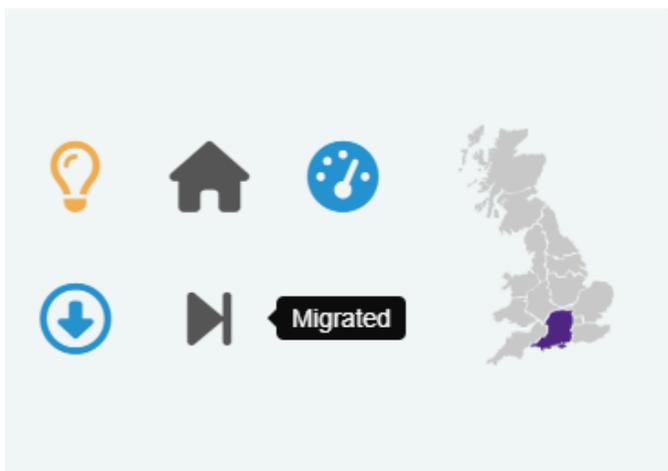
# Migration Indicator

A Migration Indicator and effective from date will be displayed in the EES Portal and API, showing if an MPAN has been Migrated, Not Migrated or Reverse Migrated.

As per the MHHS migration design, an MPAN will be classed as Migrated after receiving at least one notification of an MHHS agent appointment. (either Meter Operator Agent or Data Service)

An MPAN will be classed as reverse migrated after receipt of the Reverse Migration Notification (PUB-003) from MPRS.

In addition, the EES Portal will hold a new icon, indicating the migration status.



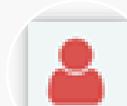
# New Icons

There are several new icons created for all MPANs and Specific to MHHS MPANs

## All MPAN

-  MPAN is Under MHHS Arrangements
-  MPAN has Reverse Migrated
-  Unmigrated (Legacy)
-  Domestic Premise Indicator = False
-  Domestic Premise Indicator = True

## MHHS MPANs

-  Customer Direct Data Service Flag
-  Customer Direct Meter Operator Flag

# Icons Removed

There are several icons no longer required due to MHHS

Icons no longer displayed for all  
MPANs



MPAN Designation (5 Different  
Icons)



Domestic Premises Indicator  
(True)

Icons no longer displayed for MHHS  
MPANs.



Pending Registration Under  
Objection



Related MTC

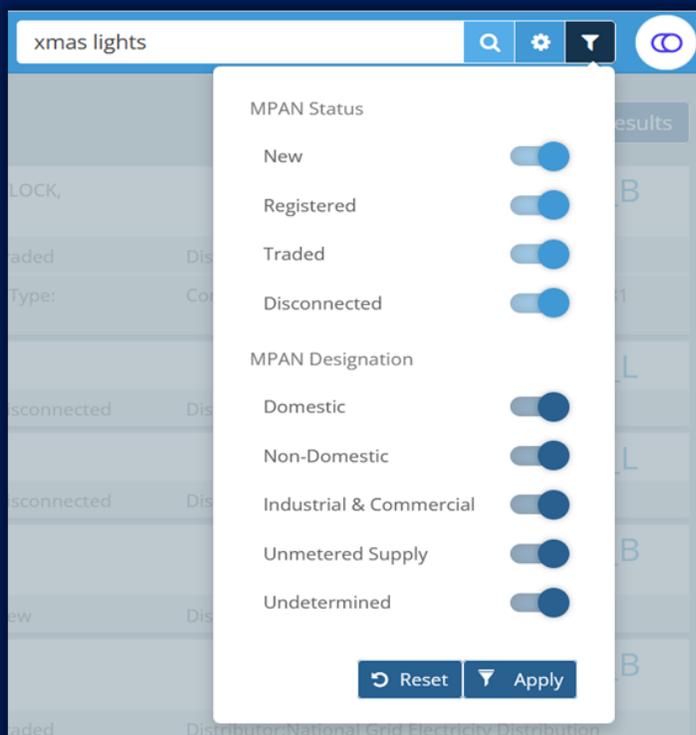


Export LLFC

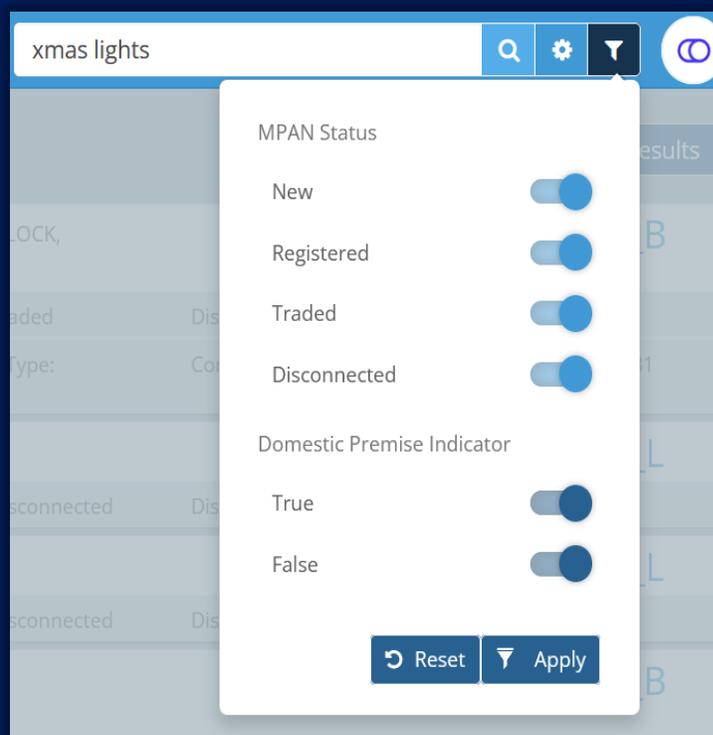
# Search Results - Filters

As the MPAN Designation data item is no longer being created, the Search Results filter will change regardless of whether the MPANs listed are under the new MHHS arrangements

From this



To this



# Impacts to Supplier registration history

Electricity Retail Data Service (ERDS) currently provides historic information to the EES. This will not be available for communication over the DIP

Detailed Information on in-flight registrations (i.e objections, withdrawals) is not available from the CSS. Instead, a generic update of 'Registration Cancelled' is received

Following fields will no longer be populated;

- Objection Status
- Objection Entered
- Objection removed
- Registration notes
- Meter History

Supplier History in EES will be updated to show the generic cancellation status only

# Annual Consumption

The proposal is to show the Annual Consumption value for the last 12 months.

The API will only show the most recent value



## Annual Consumption

Annual Quantity (kWh)	Date	Quality Ind.
12000	01 Jan 2023	A - 100% Actual Data
14500	01 Feb 2023	A - 100% Actual Data
12000	01 Mar 2023	A - 100% Actual Data
12000	01 Apr 2023	A - 100% Actual Data
12000	01 May 2023	A - 100% Actual Data
12000	01 Jun 2023	A - 100% Actual Data
12000	01 Jul 2023	A - 100% Actual Data
12000	01 Aug 2023	A - 100% Actual Data
12000	01 Sep 2023	A - 100% Actual Data
12000	01 Oct 2023	A - 100% Actual Data
12000	01 Nov 2023	A - 100% Actual Data
12000	01 Dec 2023	A - 100% Actual Data

# Customer Appointed Agents

Customer Direct Contract indicators can be set by the currently appointed agent via DIP flows to MPRS. Once appointed the indicator will not be removed unless ended by the setting agent or the effective to date is reached.

The Customer Direct Contract information is treated as a separate distinct item to the appointed agents. EES will display the MPID and DIP ID of the agent holding a direct contract in both the Portal and the API.



Current Appointments		
Data Service	MRBN	21 Aug 2023
Metering Service	BART	21 Jul 2023
Customer Direct Contract MS	JORG	
Customer Direct Contract DS	ZIPY	

# Alerts

The following alerts will no longer be presented for any MPANs



The Domestic Premises Indicator is set to 'True' and this conflicts with the MPAN Designation

The Metered Indicator is set to 'True' and this conflicts with the MPAN Designation

# EES Consequential Changes

## S Number

The S Number held on EES will be updated in line with R0083. (PC, SSC, LLF/DUOS Tariff ID)

## New Metering Point Request

The New Metering Point Request Form will be updated to add / remove the following items

- Expected Profile Class and Expected Measurement Class removed.
- Expected Connection Type and Expected Market Segment added.

# 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 M8. (22nd September 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.
- A full test versions of the MHHS API has been made available for MHHS SIT Parties within the SIT A environment and access to a UIT environment can be provided to all EES users by request. This is populated with legacy data and a small number of MHHS dummy MPANs in order for Parties to view the MHHS changes.
- A final redlined version (1.1) of the MHHS API Interface Specification is available as part of the wider MHHS changes to the REC on the REC Portal here: [EES Service Definition - MHHSv1.1.pdf](#)
- 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

# EES Reporting



All reports provided through the Code Manager are being reviewed.

For MHHS MPANs redundant items will be removed and new items will be added

C&C group will contact all parties directly to discuss required amendments to bespoke reports provided on a commercial basis.

# EES Cutover

- Over the weekend of 20/21 Sept, the new EES System will be implemented.
- The database will be frozen and Parties will only be able to access the service in a 'read only' mode on both the 20 and 21 September.

This will mean that:



Data received into the service will NOT update the database (as MPAS updates aren't received on weekends this will only apply to updates received from CSS)



Parties will be able to view the data held in both the Portal and API as normal



Actions requiring writing to the database will not be available, this includes using SDEP messages, the New Metering Point Request tool and the Crossed Metering tool

- Once live on 22 September, Parties will see minor changes to the Portal - main difference being the amended Supply Number
- API will be updated to include MHHS specific data items, these will be returned as null values until the Metering Point is migrated
- Note updated EES User Guides can be found on the MHHS Section of the REC Portal [here](#).



Questions?