



Industry-led, Elexon facilitated

Test Data – Regression /Settlement /Sandbox Data Loading Approach

17th April 2025

Version 1.0

MHHS-DEL3641

Purpose of the Data Load

- We will be loading the final data into SIT-A, this will be to support:
 - The final settlement tests, and “settling normally” regression test case – Each Cohort will receive 50 MPANs
 - The regression tests
 - Additional MPANs for additional testing (e.g. sandbox or SIT tests not completed before regression)

How Many MPANs?

- **Settlement – 50 per cohort, denoted with an “Allocated Test Case” reference starting with “S-”**

All of these MPANs must be loaded by Suppliers within the maintenance window as they will all be used for settlement testing.

- **Functional – circa 2k per cohort, denoted with an “Allocated Test Case” reference not starting with “S-”**

Suppliers (in conjunction with their other cohort members) can determine how many of these MPANs they wish to set up in their systems. 2k MPANs will not be required to complete regression testing but we have provided a large number to support additional sandbox testing (or re-tests of functional SIT) if required.

Data Load Plan

We will be loading the final data into SIT-A in two stages

1. DCC / St Clements - data load Mon 28 Apr – Fri 9 May 2025 with the plan to complete on Fri 2 May.
2. Participants - data load is planned start is the Mon 12 May and MUST be completed by the Fri 16 May.
 - The programme will pass the data to pp's on the Mon 5 May to enable pp's start early.

What types of MPANs?

NFT MPAN CATEGORY						
Mpan Category	Relationship (MPAN_RELATIONSHIP_ROLE)	Import/Export (ENERGY_DIRECTION)	Meter Group (METER_GROUP)	Measurement Class NHH is 'A' or 'B'	Connection Type (CONNECTION_TYPE)	Energisation Status (Energisation_Status)
C3-M-01_1	Single	I	Advanced	HH	Any	E
C3-M-01_2	Single	I	Advanced	HH	Any	E
C3-M-03_1	Single	I	Smart	HH	Any	E
C3-M-04_1	Single	I	Smart	NHH	Any	E
C3-M-05_1	Single	I	Traditional	NHH	Any	E
C3-M-05_2	Single	I	Traditional	NHH	Any	E
C3-M-05_3	Single	I	Traditional	NHH	Any	E
C3-M-07	Single	I	Unmetered	HH	Any	E
C3-M-08	Linked-Import	I	Advanced	HH	Any	E
C3-M-10	Linked-Import	I	Smart	HH	Any	E
C3-M-11	Linked-Import	I	Smart	NHH	Any	E
C3-M-08	Linked-Export	E	Advanced	HH	Any	E
C3-M-10	Linked-Export	E	Smart	HH	Any	E
C3-M-11	Linked-Export	E	Smart	NHH	Any	E
C3-M-18	Related-Primary	I	Advanced	HH	Any	E
C3-M-20	Related-Primary	I	Smart	HH	Any	E
C3-M-21	Related-Primary	I	Smart	NHH	Any	E
C3-M-22	Related-Primary	I	Traditional	NHH	Any	E
C3-M-18	Related-Secondary	I	Advanced	HH	Any	E
C3-M-20	Related-Secondary	I	Smart	HH	Any	E
C3-M-21	Related-Secondary	I	Smart	NHH	Any	E
C3-M-22	Related-Secondary	I	Traditional	NHH	Any	E
S_T001	Single	I	Traditional	NHH	Any	E
S_S001	Single	I	Smart	HH	Any	E
S_A009	Single	I	Advanced	HH	Any	E
S_A001	Single	I	Advanced	HH	Any	E
S_A002	Linked-Export	E	Advanced	HH	Any	E
S_S002 / S003	Linked-Import	I	Smart	HH	Any	E
S_S002 / S003	Linked-Export	E	Smart	HH	Any	E
S_U001	Single	I	Unmetered	HH	Any	E
S_T002	Single	I	Traditional	NHH	Any	E
S_M003	Linked-Import	I	Advanced	HH	Any	E
S_S006	Single	I	Smart	NHH	Any	E

Who loads data in the Maintenance Window?

- **Supplier:**

In the maintenance window they will load MPANs in a Legacy State using the CSV file we have provided. They should determine how many MPANs and of what type they wish to load – but they must load all settlement MPANs and enough MPANs of the right type to do all regression tests.

- **MSS, MSA:**

Do not need to load any data within the maintenance window as they will be appointed using the migration process once the testing starts. They will need to load the D0268 or D0150/D0149 that we have provided as soon as they are appointed via the IF-033 and IF-036.

- **ADS, SDS:**

Do not need to load any data within the maintenance window as they will be appointed using the migration process once the testing starts. They will receive all required data via this process – so their systems will start testing phase with no MPANs populated.

Who loads data in the Maintenance Window?

- **UMSO:**

In the maintenance window they will load MPANs in a Legacy HH state using the CSV file we have provided. They should create inventories for all MPANs. Once testing starts they will be appointed via the migration process and informed who the UMSDS is, they should then immediately send a D0388 to the UMSDS.

- **UMSDS:**

Do not need to load any data within the maintenance window as they will be appointed using the migration process once the testing starts. They will receive all required data via this process (IF-033/IF-036 and D0388 etc) – so their systems will start testing phase with no MPANs populated.

- **LDSO:**

They will populate the required MPAN data for all MPANs (15k) in the maintenance window. In previous phases this has been done via the CSV or via MPRS data sync.

Who loads data in the Maintenance Window?

- **EES:**

This needs to be agreed, but as the MPANs are in a Legacy state then the MPRS delta updates could be used (TBC – SCS and C+C)

- **Helix and DIP:**

These systems will start the phase populated with no MPANs to replicate M10, so no data loading in the maintenance window – but previous SIT-A MPANs must be removed from those systems.

- **MPRS and DCC:**

They will populate the required MPAN data for all MPANs in the maintenance window. MPRS, CSS and DSP will remain connected to one another in the window so that BAU interfaces will be used to populate data between systems.

What about old MPAN data in SIT-A from previous phases?

- **EES/LDSO/UMSO/MPRS/Supplier/MS/CSS:**

No requirement to remove previous MPAN data (but those MPANs can no longer be used)

- **Helix and DIP:**

All previous MPAN data should be removed so the systems start with no MPANs within them

- **DS:**

All previous MPANs should be deleted

- **DCC:**

All previous MPANs should be deleted to make room for the new MPANs

Participants' feedback - opportunity for participants to add feedback for discussion

