MHHS PROGRAMME

Industry-led, Elexon facilitated

Test Data – SIT NFT & SIT Operational Data Load

Retrospective Programme Participants

16th April 2025

Version 1.0

MHHS-DEL3641

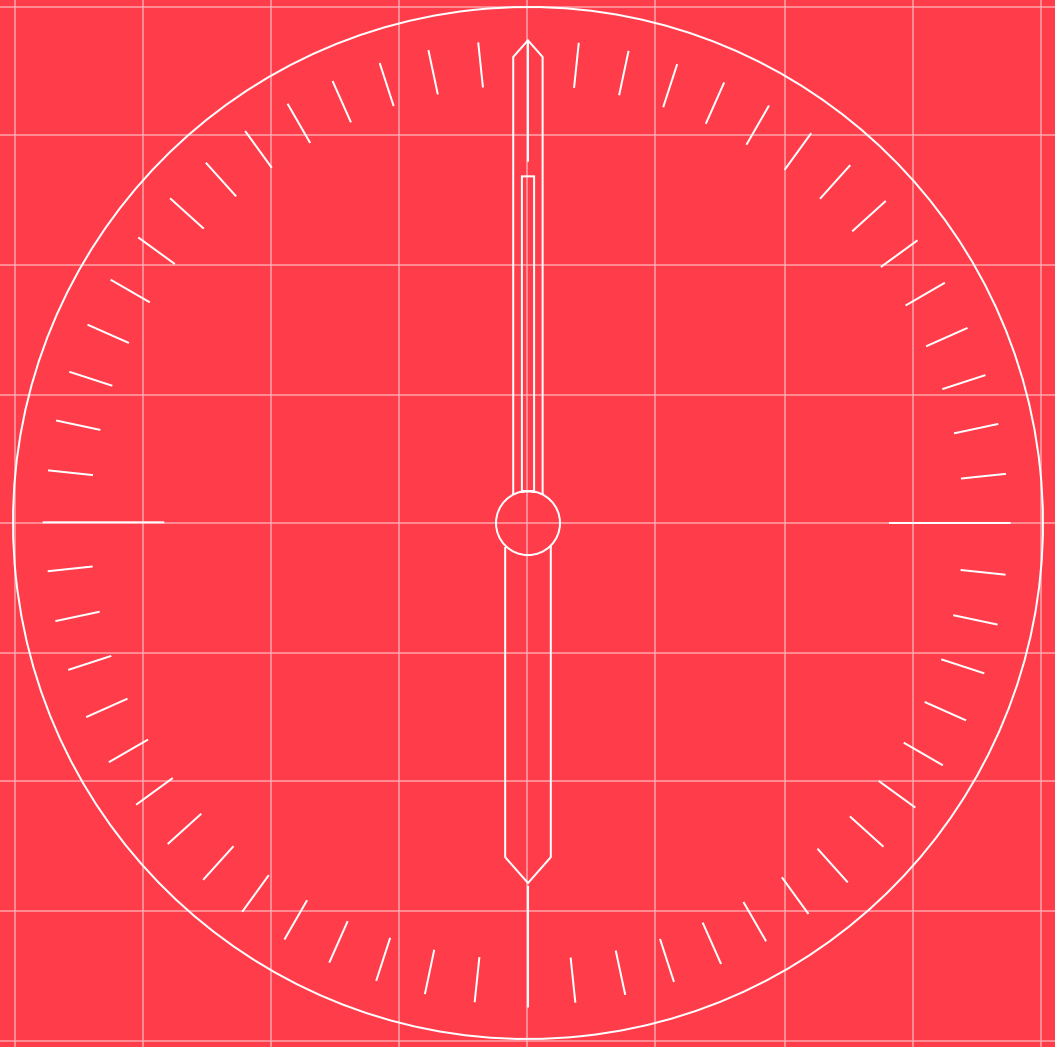
Objectives

- Review impact and effectiveness of the previous data retrospective
- Walkthrough the new data creation and augmentation process and identify any potential risks areas – as same data will be used for Settlement / Regression
- Address issues encountered in NFT / Ops Data load in the new data creation process
- We will be happy to take questions after each section

Data retrospective for SIT NFT / SIT Op Data load

- New data creation and data load approach required due to:
  - Working around the New Connections process required "Created" RMP Status MPANs to be utilised from the data cut
  - More complex metering configurations utilised, e.g. main/check, reactive power
  - MTDs produced to reduce the overhead on MPAN set up

New data creation and augmentation process



Data creation and augmentation process

The following process will be run to populate MPRS/DCC:

1. DB02 - Create a new MPAN attributes in MPRS - This requires a DB02 produced by MHHS and loaded by St Clements.
2. Create initial Registration in MPRS
3. D0205 - Create Agent Appointments and Supplier MPAN Data.
4. D00386 - Related MPANs in MPRS.
5. DB05 - to Link Import and Export Meters as the final augmentation step in MPRS.
6. D0312 – Populate Meter data in MPRS.
7. D0350 – Set DCC Service flags.
8. DS and MS appointments – IF-031, 33, 35, 36
9. D0268 and D0150/D0149 MTDs
10. D0388 Inventories for UMSDS

Participant data loading process for SIT Regression

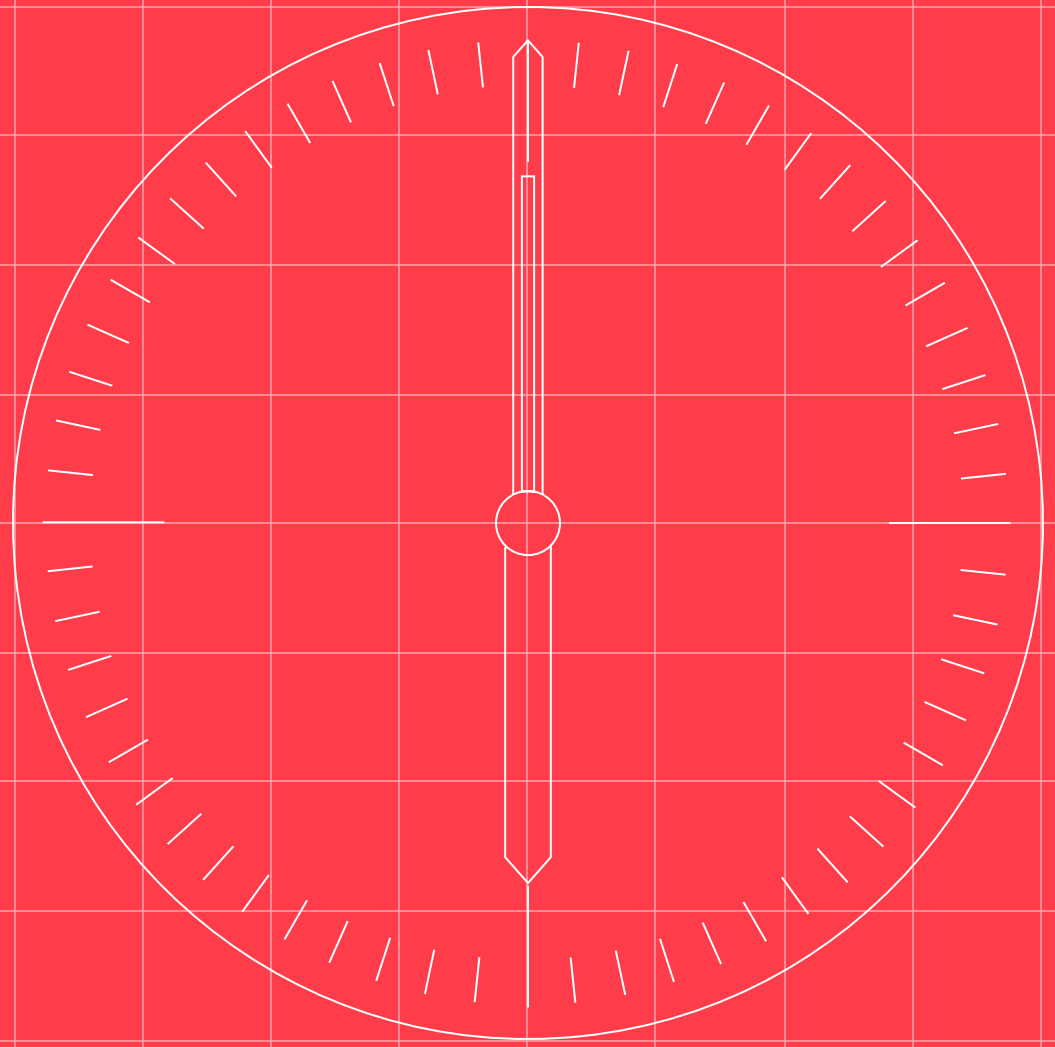
- The same MPANS used for SIT NFT / Operations will be used for Regression testing and loaded into SIT A.
- There will be approximately 2,000 MPANS per cohort
- Data will be provided in CSV files, MPRS DB messages, MPRS Dflows, D0268, D0150/D0149 and D0388
- Regression data will be prepared in a Legacy state.

- No IFs will be provided for this data load- expectation that PPs will use the same data load approach to that undertaken for migration MPANs:

  - MPRS/DCC Data Load – via DB/Dflow/CSS messages
  - EES Data Load – via MPRS delta file updates
  - Supplier – via CSV
  - UMSO – via CSV

- DIP, Helix, MS and DS data population via migration process within the testing phase:
  - Supplier migrates to MS and DS via IF-031/33/34/35/36 process
  - UMS sends D0268/D0150/D0149 to Supplier and DS
  - MSO sends D0388 to UMSDS
  - IFs populate Helix and DIP

Review issues encountered in NFT / Ops Data Load

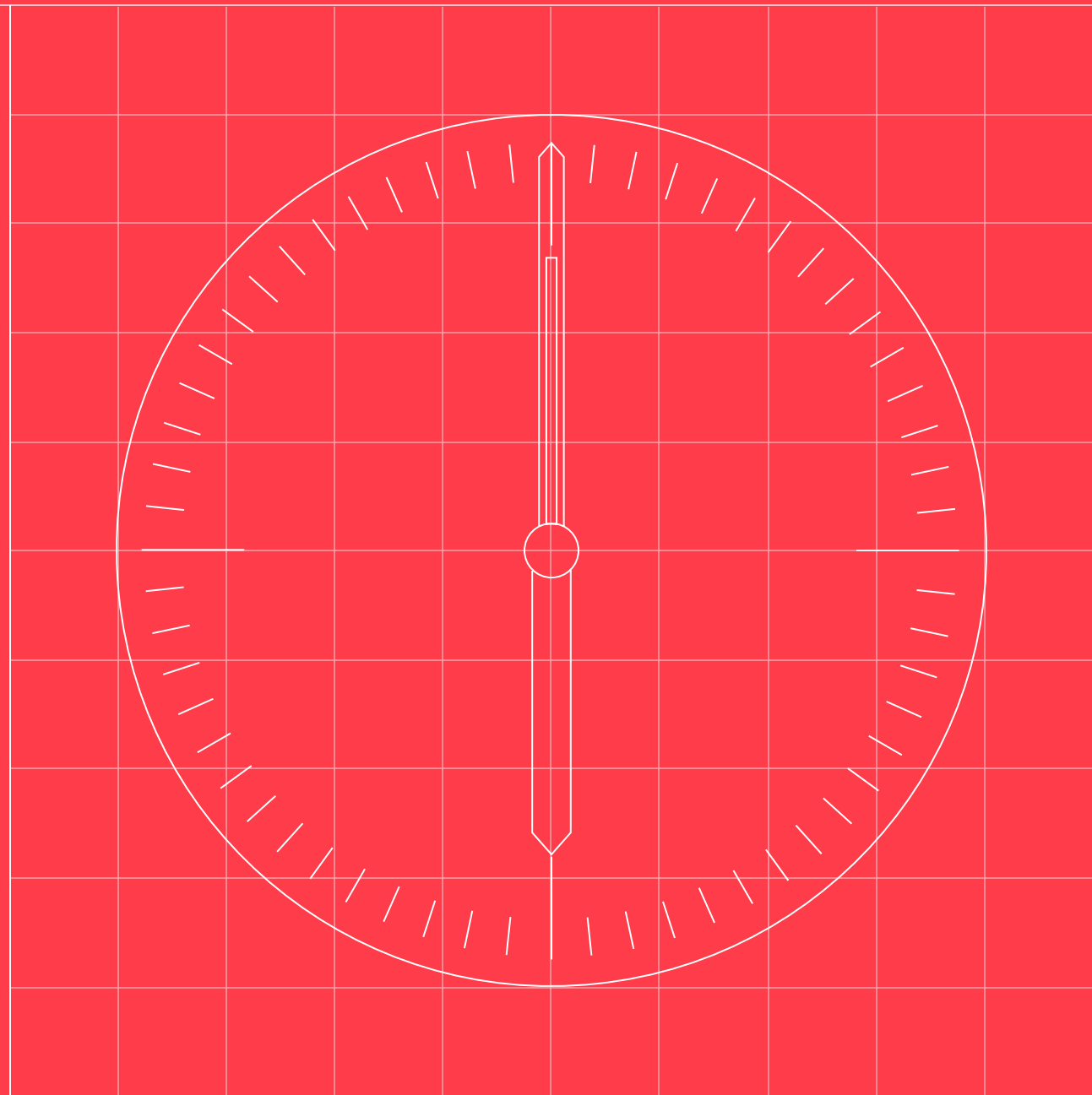


Retrospective key issues

Loading Data

Issue	Cause	Impact	Action	Future/Recommendation
Issues with the MAP ID missing from the IF033 or Data Services.	Generation Code	Low	New version shared with fix	Fix is in future versions
Issue with C3-M-08 D0268 for the main/check advanced Import/Export MPANs which had associated register IDs which did not include leading Zero's e.g. main = 006, associated check = 6.	Data Quality	Low	New version shared with fix	Fix is in future versions
66 Import/Export Advanced MPANs with did not have both meters installed	Generation Code / Microsoft issue not compiling code changes / Caused regression defect for other MPANs	High	New version shared with fix	Fix is in future versions
Issues loading Meter Technical Details (MTD's) D0268, D0149 & D0150 for the first time.	Generation Code/ Microsoft issue not compiling code changes	Low	New version shared with fix	Fix is in future versions
UMSO Data – D0388 Preparation SITNFT/OP - SSEN and BUUK	Delay in C&C producing a script to clone the UMS inventory for an SSEN and BUUK MPAN to a wider portfolio of MPANs.	Medium	Reschedule the start of testing for affected market role.	Script now in place.
Microsoft Azure platform issue a following update	Microsoft were to retire Azure Spring Apps on 31 March, but it stopped allowing code updates to be deployed to the service a few days before.	High	Contacted Microsoft Azure administrator to request temporary access rights. This then allowed for us update to the deployed code.	Fix is in future versions

Key issues and recommendations



Key issues and recommendations

Continue with retrospective learnings for SIT NFT / Op Data Load – Linear plan, schema checkers, new MPAN process, better version control.

Automate the new MPAN creation process for speed and accuracy. Very detailed cutover plan with timings.

MPAN tracker improvements and MPAN usage guidance.

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