



# SMART & NON-SMART TRANSITION STRAW MAN

## Pre-requisites for migration

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- Registration data items (connection type, market segment, domestic premises indicator, data granularity, customer contracted indicators)
- MDS and LSS (to provide load shapes for validation, estimation and defaulting)
- New items added to ISD
- New data architecture and appointments process – to negate the need for DA validation checks
- Qualification for MSS and SDS – also incremental Qualification (MOA to MSS)
- Bulk CoA process – NHHDC & NHHDA to SDS
- Process for MPANs to migrate back to the pre-TOM arrangements

## Load Shaping Service – getting started

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Migration plan depends on what load shapes the LSS can provide – lower quality load shapes might be sufficient for estimation and defaulting but inadequate for converting register reads.

LSS must be able to provide some form of load shapes before any MPANs can be migrated.

How should the LSS get started? The initial load shapes.

- Crude load shapes (no weather, daily or seasonal adjustments etc.)
- Collect SP-level data from MPANs pre-migration – feed data to an SDS whilst being settled via NHHDC/DA (issues with appointments and having multiple agents working simultaneously)
- Create load shapes using NHH profiling methodology - Most NHH processes would continue to operate throughout transition but would this option mean adding too much extra temporary complexity to LSS?

At what point does LSS switch to normal operation?

- If starting with crude load shapes - we might want to publish actual load shapes for each category asap.
- Example: Once we have actual load shape for domestic import in GSP A, can migrate all domestic import MPANs.
- If collecting SP-level data whilst still settling NHH, this could simplify the migration plan as we could wait until actual load shapes are available for all categories before migrating MPANs. Or could migrate by category
- Example: actual load shape for domestic import GSP A > migrate domestic import in GSP A
- If using daily profile coefficients to create load shapes, we have the option of switching over to actual load shapes after all MPANs have migrated. This should mean more stability for settlements as you wouldn't be dealing with [actual] load-shaped MPANs and profiled MPANs at the same time.

# Tranches

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These are the categories of meters to be migrated:

- Tranche 1 – All non-domestic smart meters
- Tranche 2 – Domestic export smart meters
- Tranche 3 – Domestic elective import
- Tranche 4 – Domestic NHH import opt-in
  
- Tranche 5 – Domestic NHH import opt-out
- Tranche 6 – Legacy meters (import and export)

Tranches 5 and 6 have dependencies on other tranches however structured migration is only required if using crude load shapes.



## Other considerations

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- How do we deal with any remaining RTS meters?
- At what point should migrated MPANs be required to stay within the TOM arrangements?
- At what point should we disallow new MPANs entering the legacy arrangements?