



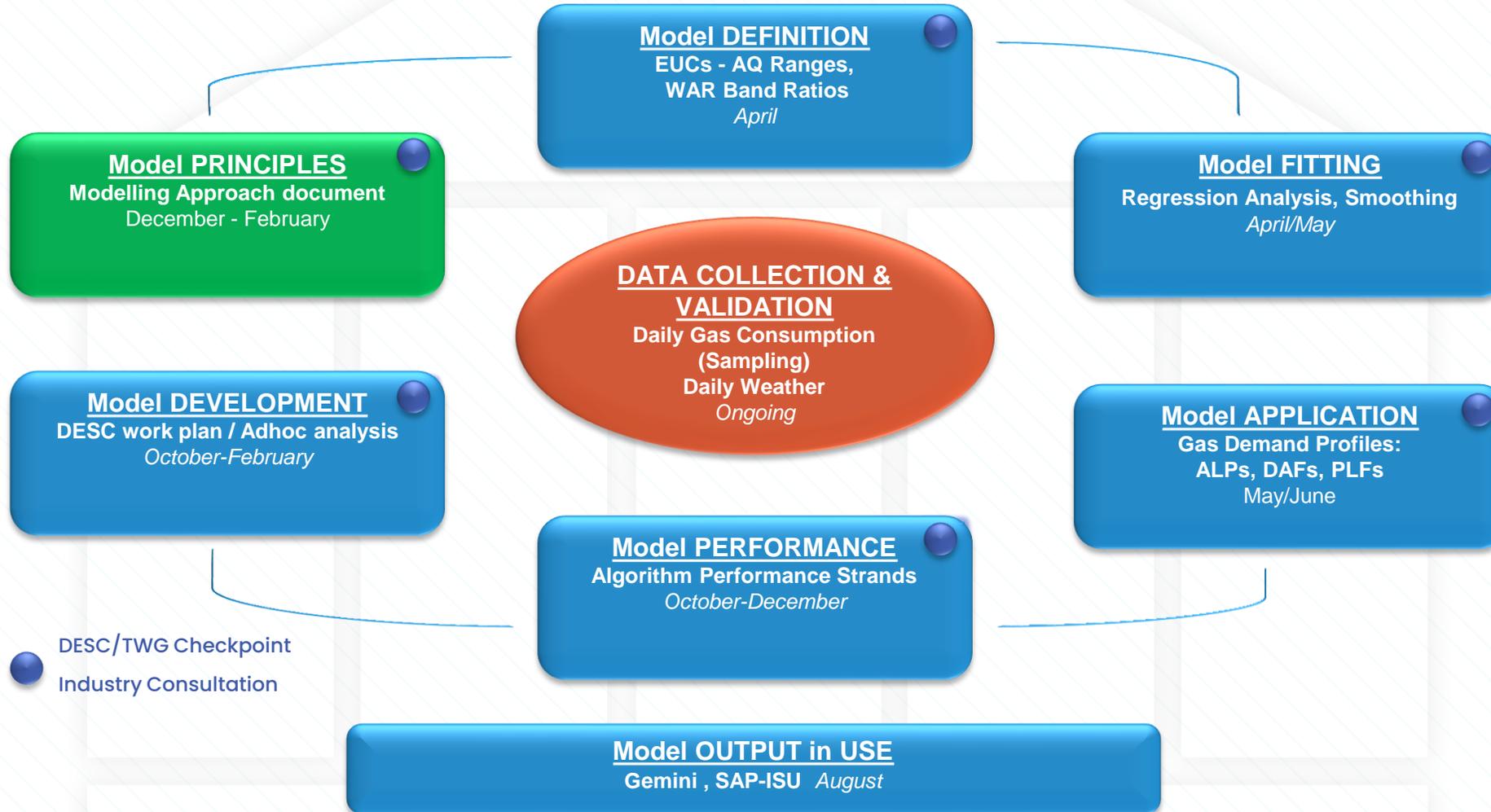
## **Pre-Payment EUC Focus**

March 2022



## Section 1: Overview, Background and Objective

# Pre-Payment EUCS - Overview



# Pre-Payment – Background / Objective

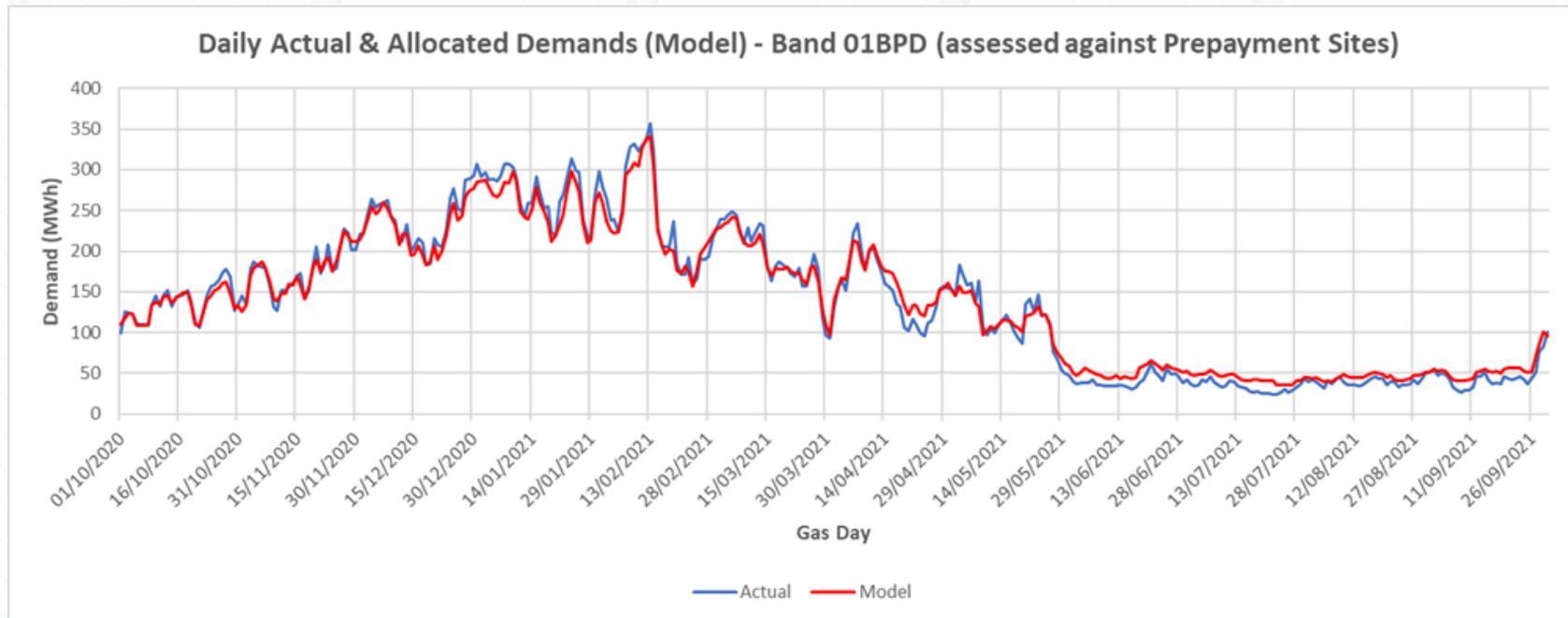
- In October 2019, 8 new EUCS were introduced to allow separate profiles for Credit, Pre-Payment, Domestic and I&C sites
- Unfortunately, since this date no data has been available for Pre-Payment sites and therefore data from MOD451AV was previously used to create NDM Gas Demand Profiles
- As this data is now 9 years old, in the October 2021 Algorithm Performance, we explored the use of Class 3 data
- Currently, there are over 2 million Pre-Payment sites in these EUC Bands
- Investigate the use of Class 3 Data as a reliable source for the Pre-Payment EUC (“01BPD”) to create new profiles



## Section 2: Update

# Pre-payment - Class 3 Data

- The Class 3 data that was used in October 2021 Algorithm Performance showed that it was a reliable source and could be used in the April 2022 Modelling process
- In the Strand 3 Algorithm Performance analysis, we discovered that the MOD451AV data that had been used in previous years was still a good fit for the winter period, however larger differences were seen in the summer:



**Actual:** Class 3 data

**Model:** Profile created using MOD451AV data

# Pre-payment - Conclusions

- Class 3 data is a valid source for producing a more appropriate EUC demand models
- The data used from Class 3 shows that the PPM profile remains flatter than that of a standard credit meter (Strand 3 analysis)
- Data in UK Link for Meter Mechanism and Payment method needs to be up to date and accurate to allow for sites to be:
  - Allocated to the correct EUC and
  - Ensure the Class 3 data used for modelling is reflective of Pre-Payment sites
- We still require PPM data from Shippers where possible
- Are DESC happy to move from 'MOD451AV model' to Class 3 data ? This would results in a single year model derived from March 2021 to March 2022 data