



**MOD 0644:
ROM for EUC Band Changes**

1st May 2018

EUC Band Changes – MOD 0644

- MOD0644 proposes the introduction of three End User Categories in each of Band 01 (01B) and Band 02 (02B), proposal in MOD below:
 - *“EUC01P / EUC02P – For prepayment heating load*
 - *EUC01I / EUC02I – For I&C heating load*
 - *EUC01B / EUC02B – All remaining MPRs”*
- ROM has been produced which considers this possibility. Analysis from this has recommended an approach which sets up 4 EUCs in each band as shown below:
 - Domestic Non-Prepayment
 - Domestic Prepayment
 - Non-Domestic Non-Prepayment
 - Non-Domestic Prepayment
- This approach allows for simpler logic, reduces impact to performance and also sets up a bit more flexibility for the future

Possible EUC Definitions

EUC Band	AQ Range (MWh pa)	Domestic Non Prepayment	Non-Domestic Non Prepayment	Domestic Prepayment	Non-Domestic Prepayment	Bucket	WAR Bands			
							01	02	03	04
01	0 to 73.2	xx:Eyy01ND	xx:Eyy01NI	xx:Eyy01PD	xx:Eyy01PI	-	-	-	-	-
02	73.2 to 293	xx:Eyy02ND	xx:Eyy02NI	xx:Eyy02PD	xx:Eyy02PI	-	-	-	-	-
03	293 to 732	-	-	-	-	xx:Eyy03B	xx:Eyy03W01	xx:Eyy03W02	xx:Eyy03W03	xx:Eyy03W04
04	732 to 2196	-	-	-	-	xx:Eyy04B	xx:Eyy04W01	xx:Eyy04W02	xx:Eyy04W03	xx:Eyy04W04
05	2196 to 5860	-	-	-	-	xx:Eyy05B	xx:Eyy05W01	xx:Eyy05W02	xx:Eyy05W03	xx:Eyy05W04
06	5860 to 14650	-	-	-	-	xx:Eyy06B	xx:Eyy06W01	xx:Eyy06W02	xx:Eyy06W03	xx:Eyy06W04
07	14650 29300	-	-	-	-	xx:Eyy07B	xx:Eyy07W01	xx:Eyy07W02	xx:Eyy07W03	xx:Eyy07W04
08	29300 to 58600	-	-	-	-	xx:Eyy08B	xx:Eyy08W01	xx:Eyy08W02	xx:Eyy08W03	xx:Eyy08W04
09	>58600	-	-	-	-	xx:Eyy09B	-	-	-	-

For Discussion

- DESC can 'control' the underlying profiles used by the above EUC definitions and so can revert to three EUC models for Bands 1 and 2 if necessary e.g. 'xxEyy01PD' and 'xxEyy01PI' use same profiles

	Prepayment	Non Prepayment
Meter Mech. Code	'CM', 'ET', 'MT', 'PP', 'TH'	'CR', 'NS', 'S1', 'S2', 'U'

	Domestic	Non-Domestic
Market Sector Code	'D'	'I'

- Note: 'U' in Meter Mech. Code is 'Unknown'

ROM – Points to Note: Assumptions

- ROM costs assume...
- (1) A start of the Gas Year implementation
 - Code logic could at least be included as part of a release which goes live mid-year
- (2) Domestic and Non-Domestic identification is via ‘Market Sector Code’
 - Although there may be concerns over the accuracy of this field, it is now a mandatory data item and all Supply Meter Points have a value of either ‘D’ or ‘I’
- (3) Prepayment identification is via ‘Meter Mechanism Code’
 - Use of this data item may not satisfy all industry participants, for example SMART meters (Meter Mechanism is ‘S1’ or ‘S2’) operating in prepayment mode will not be allocated to a Prepayment profile. As SMART meter rollout continues this will become more of an issue ?
 - Possible solution is to use ‘Payment Method’ which is currently held in SAP-ISU, further work required to clarify whether this is a “*variable maintained in the Supply Point Register*” (UNC Section H 1.2.2 a)
 - Work required to develop business rules which work for all industry participants ?

ROM – Points to Note: Costs and Timescales

- ROM estimates costs of change as at least 125K but probably not more than 210K
- CDSP has had a clear steer from customers that they ordinarily require at least 6 months notice for externally visible system changes
- These costs, the likely external impacts on Shippers and the required testing of SAP-ISU, Gemini and SAP BW platforms mean an implementation within a major release delivery model is recommended
- The scope of changes in Release 3 due in November 2018 have now been finalised which means the 'additional EUCs element' of MOD 644 would need to be considered in Release 4 which is targeted for June 2019 (so effective for Gas Year 2019/20)
- The process for approving changes is managed by the DSC Change Committee. DSC would need clear requirements and change proposal for consideration in Release 4

Other Considerations – EUC assignment

- When should EUC re-assignment happen ?

e.g. if Market Sector Code or Payment Type are changed via RGMA file flows, is it only on the event a new AQ is calculated that these would be considered for EUC assignment ?

- Formula Year AQ would still retain EUC as per December snapshot ?

EUC Band Changes – Industry Impacts

- A change in the EUC definitions ‘line-up’ for Bands 1 and 2 is likely to have impacts to the industry as a whole
- What changes would shippers need to make ?
 - For a new gas year implementation ?
 - For a within gas year implementation ?
- How much time is needed for industry to be ready for this change ?
- How can we gauge industry impacts ?
- How can we ensure that all impacted industry parties are fully prepared ?