

NDM EUC Band 7 & 8 Impact on DM Threshold

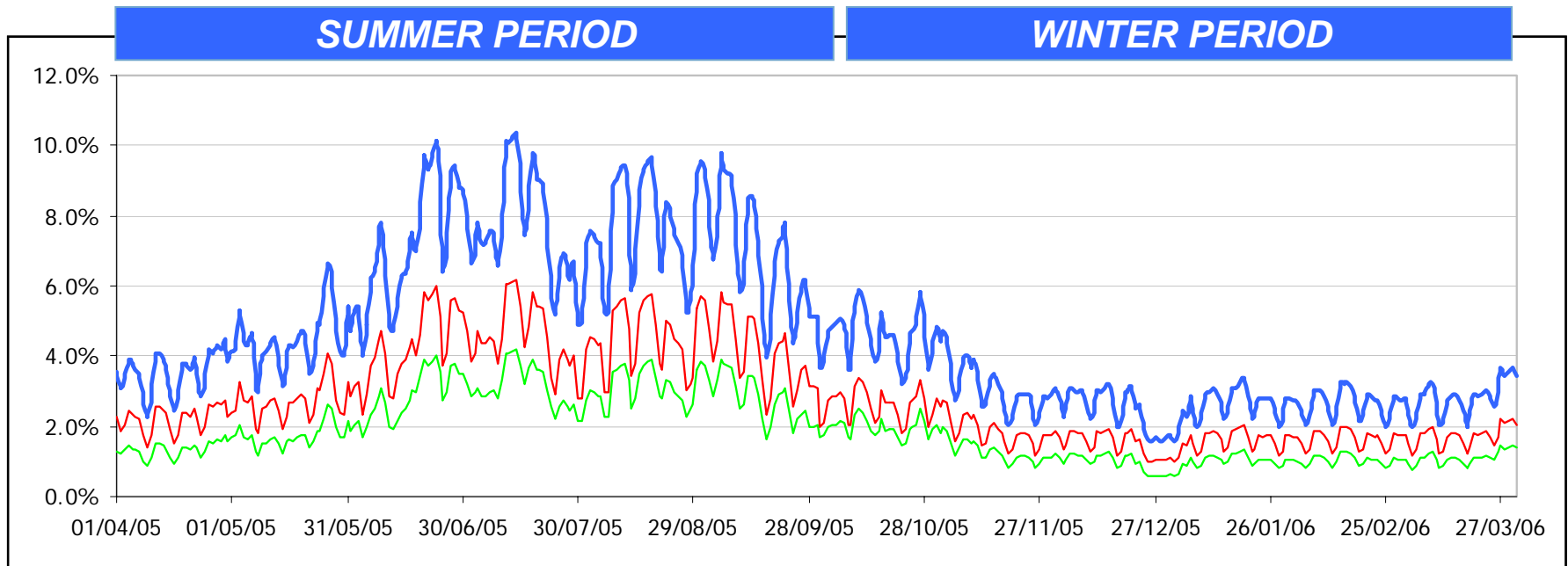
Issue Background

- Issue raised at June 5th DESC Meeting in relation to Users consideration of potentially lowering the DM threshold
- xoserve investigate percentage of NDM throughput allocated to EUC Bands 7 and 8 throughout the year
- Higher percentage of total will show a greater potential impact on models

EUC Bands 7&8

Percentage of NDM Consumption Profile

- Allocated energy in Bands 7 and 8 (combined) is between 1.6% and 10.4% throughout the year



Band 7&8 Combined – Band 7 Only – Band 8 Only

- There is a higher percentage of throughput during summer

EUC Bands 7&8

Percentage of Total Population

Consumption Range (MWh pa)	NDM Supply Point Population	Percentage of Total NDM Population	Percentage of Total NDM Throughput
EUC 1 (0 to 73.2)	21,051,844	97.74%	69.54%
EUC 2 (73.2 to 293)	380,308	1.77%	6.97%
EUC 3 (293 to 732)	67,050	0.31%	4.30%
EUC 4 (732 to 2,196)	29,228	0.14%	5.30%
EUC 5 (2,196 to 5,860)	6,760	0.03%	4.19%
EUC 6 (5,860 to 14,650)	2,010	0.01%	3.23%
EUC 7 (14,650 to 29,300)	600	0.001%	2.06%
EUC 8 (29,300 to 58,600)	280	0.001%	1.35%
EUC 9 (>58,600)	170 (All)	0.001%	3.07%

Analysis

- EUC Bands 7&8 peak at 10.4% of the daily throughput (23rd June)
- Lowest daily throughput is 1.6% (25th December)
- Only 3.4% of total annual throughput is in Bands 7&8
- Impact on NDM total is minimal
- NDM Modelling may improve if more larger NDMs were DM
- Moving DM Threshold would require UNC Modification proposal
- Note – there are still 19 NDM sites in EUC Band 9 even though should be DM
- Same situation could occur if move threshold
- Therefore – as with Band 9 now, modelling would still have to be undertaken on these bands
- Shippers can nominate smaller sites from NDM to DM