Consideration of Daily Profile of EP2 Data
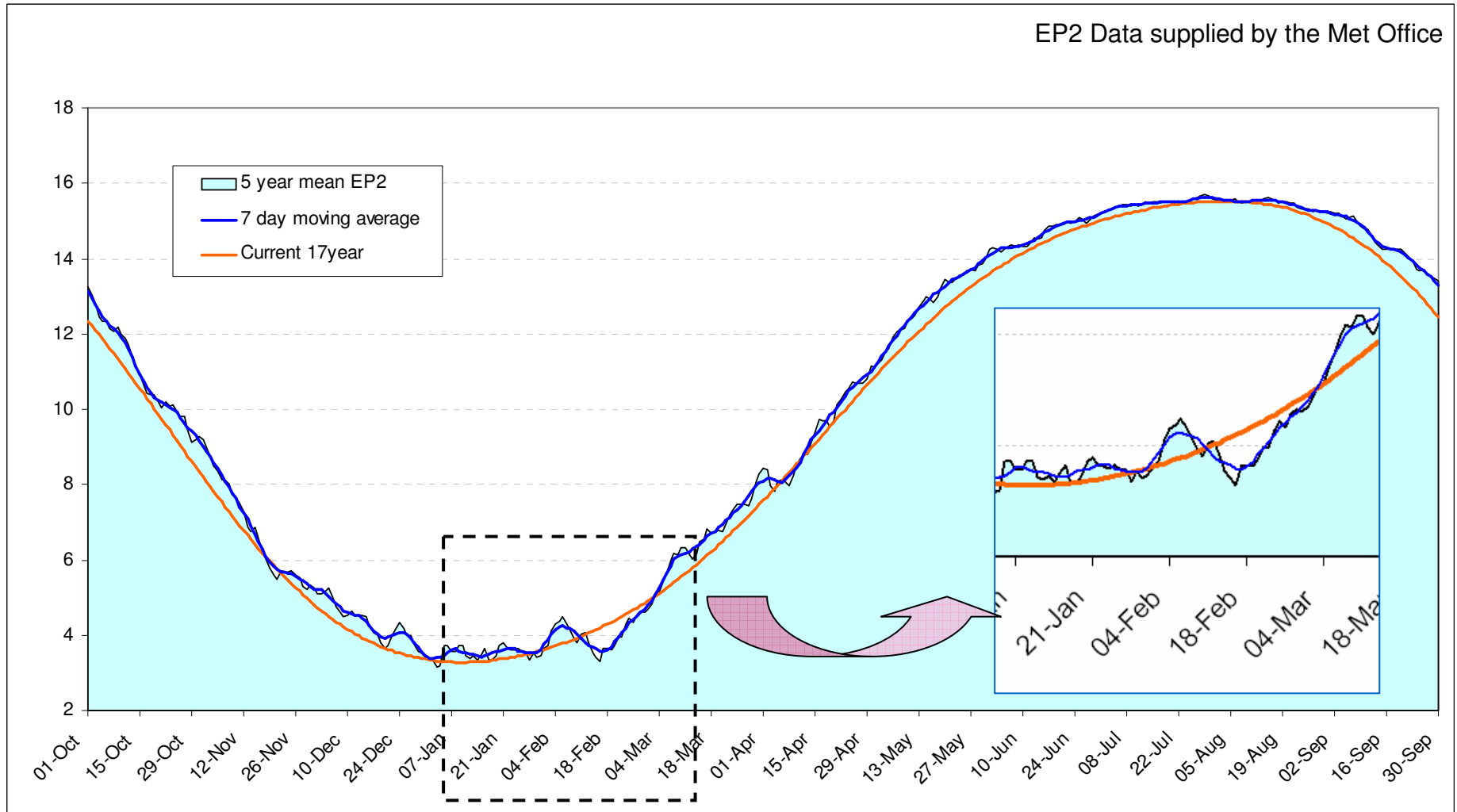
Demand Estimation Sub-Committee

11 May 2009

Daily Profile of EP2 – WM LDZ

- EP2 data based on 36 years actual data

- No smoothing applied

- Previous historic bases smoothed using Fourier series or similar

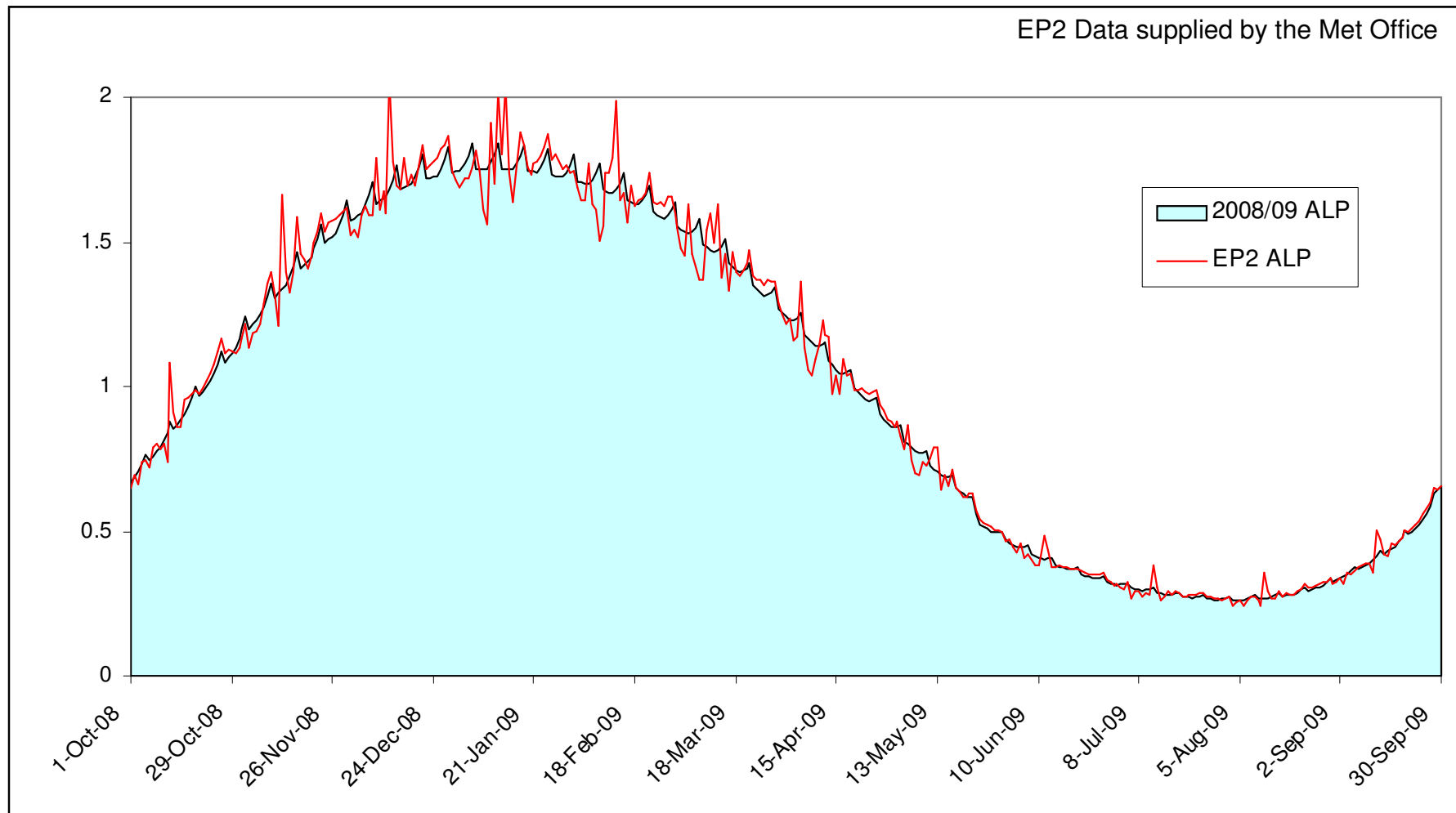- Unsmoothed basis gives very spiky daily shape ...

Daily Profile of EP2 – WM LDZ

Use of EP2 data in Algorithms

- ALPs will be based on consumption under Seasonal Normal conditions

- Inverse relationship between SN and ALP (plus weekends/holiday factors)

- Spiky SN profile gives spiky ALP profile

- Would impact WCF and SF if "smoothed average" weather is experienced on a "spike" day

- Would cause greater day to day variation in NDM nominations

Impact of EP2 on ALPs (WM0801)

WM0801 ALP – 7-day smoothed EP2 data

EP2 Data supplied by the Met Office

Legend:
- 2008/09 ALP
- 7 day smoothed ALP