Winter 2016/17 operational context

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Winter challenges to dispatch and forecasting

- Cold Winter
  - Margin
  - Triads
  - Customer Demand Management
- Generation Mix
  - Impact of LCPD
  - Wind Variability
  - Embedded Distributed Generation
- Demand Forecast
  - Within Day Forecast
  - System Warnings
- System Control
  - Wind Predictability
  - Reserve Levels
  - Frequency Control
This is the last winter where Supplemental Balancing Reserve is in contract before it is replaced with the Capacity Market.

Coal plant & Gas turbines have been contracted with maximum lead time up to 52 hours.

Long notice plant could be warmed without System Warnings being in place.
Capacity Market Notices

- Capacity Market commences on 01 October 2016
- 500 to 700MW in Transitional Arrangements for 2016/17 year
- New Capacity Market Notice / System Stress Events communications
- CMNs effectively an early warning notice (4 hrs), not operational dispatch
- New subscribable website to support obligations (gbcmn.nationalgrid.co.uk)
- 2016/17 represents a learning opportunity