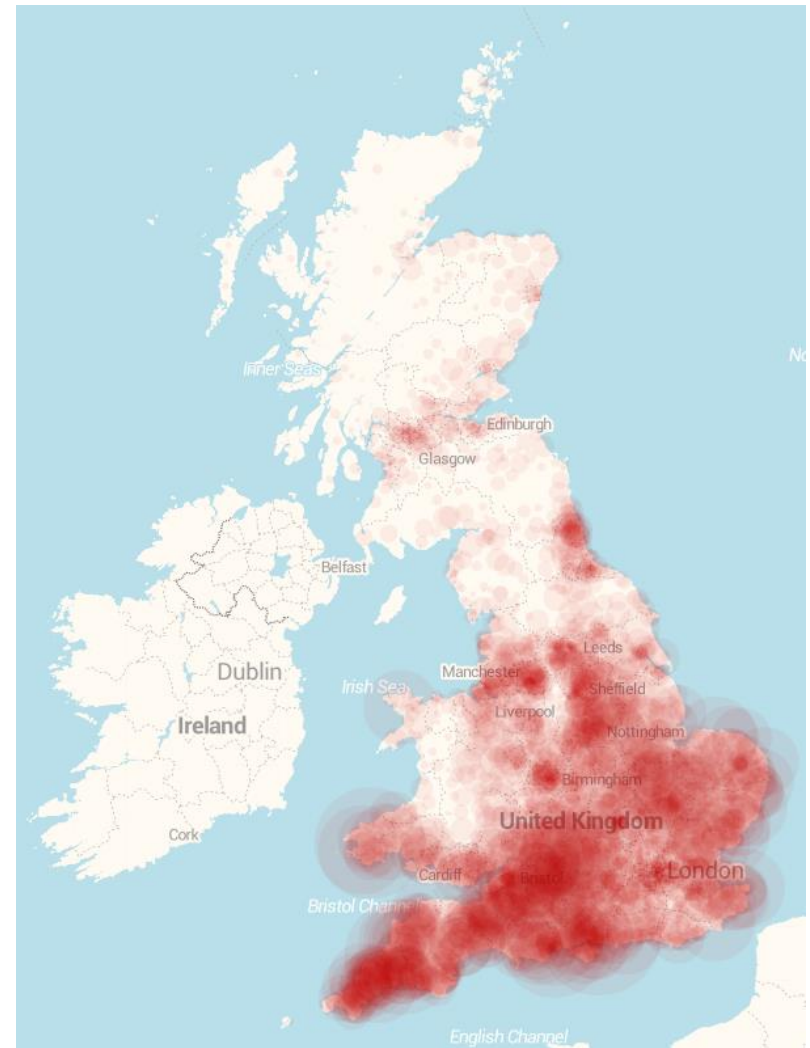


Winter 2016/17 operational context

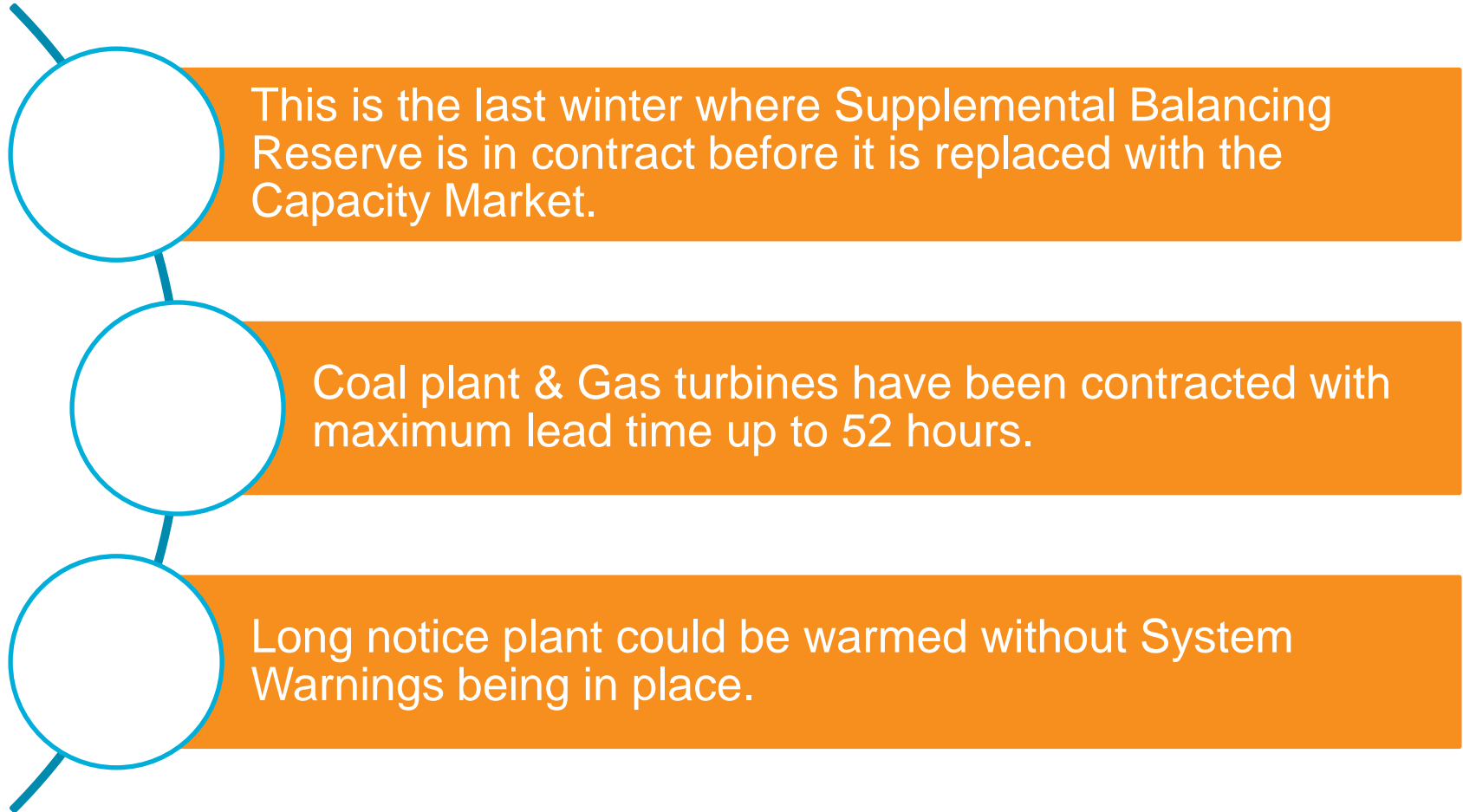
Claire Spedding
Commercial Operations Manager

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



Supplemental Balancing Reserve



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