Summer Outlook

Mathew Hofton – Market Requirements Manager
Demand

Forecast summer peak demand of 38.4GW, 2013 outturn 39.5GW

Summer minimum of 19.0GW expected in July, Sunday at 05:00
Overall generator capacity dropped by 1.3GW to 76.4GW since last winter.

Closure of Ferrybridge units 1 and 2, Uskmouth units 14 and 15, Ironbridge Unit 1, temporary withdrawal of Peterhead 1 and Barking 1.

After assumed losses, expected minimum generation availability of 43.1 GW.
Minimum surplus forecast of 1.6GW, week commencing 20th October

Imports expected on IFA and BritNed over the summer
Low Demand Periods

- Flexible generation required to maintain frequency response and withstand largest loss
- Maintain positive and negative reserve levels – demand forecast error, generation and demand losses
- Maintaining system voltage profile
- Maintain sufficient system inertia
- Less flexible generation includes: Nuclear, some small wind & hydro, and CHP.
Weekly Minimum Demand and Generation Profile

- Nuclear
- J/C imports
- Inflex BMUs (eg CHP)
- Inflex Hydro
- Inflex Wind
- Plant providing Frequency Response
- Plant providing Regulating Reserve
- Minimum demand
- Minimum demand inc. Pumping
Any Questions

Contact

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