Review of Winter 2015/16

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Winter Review 2015/16

- Published 26 May 2016
- Presents our analysis of the previous winter
- Designed to help the energy industry
Key messages

- Warm winter 2015/16
- There was sufficient generation and interconnector imports
- Transmission system demand
- Demand side balancing reserve was dispatched for the first time
Weekly peak demand consistently lower than 2014/15

Weather corrected transmission system peak demand was 1 GW lower than forecast in the Winter Outlook Report.

Why was demand lower?
- Increased level of demand management
- Increased output from non-weather related embedded generation
Increasing level of customer demand management

Customer demand management events

- Increasing level of demand management
  - 0.7 to 1.5 GW typical range
  - 2 GW peak

- Increasing number of days with Triad avoidance
  - 24 days 2014/15
  - 35 days 2015/16
Generation and interconnector imports were sufficient to meet demand

- Reduced availability of coal combined with low wind
- Nuclear plants begin planned outages combined with low wind output
- Coal units began to run down fuel stocks ahead of their announced closures
Interconnector flows were broadly as expected

Net flow of electricity from Continental Europe to GB

Net flow of electricity from GB to Ireland
Demand side balancing reserve was dispatched for the first time

Contingency balancing reserve services allow National Grid to access additional capacity held outside of the market. We procured 0.13 GW of demand side (DSBR) and 2.29 GW of supplemental balancing reserve (SBR) for winter 2015/16.

- 40 MW of demand side balancing reserve
- Contingency balancing reserve services available to help balance supply and demand.
We want to help you keep up to date

**Winter Consultation**
(July)
Share your views on winter 2016/17

**Future Energy Scenarios**
(5 July)
Credible pathways for energy out to 2050

**Winter Outlook Report**
(October)
Our analysis for winter 2016/17

Any questions or feedback?
Please contact us at marketoutlook@nationalgrid.com
Q&A

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