

Review of Winter 2015/16

nationalgrid

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Winter Review 2015/16

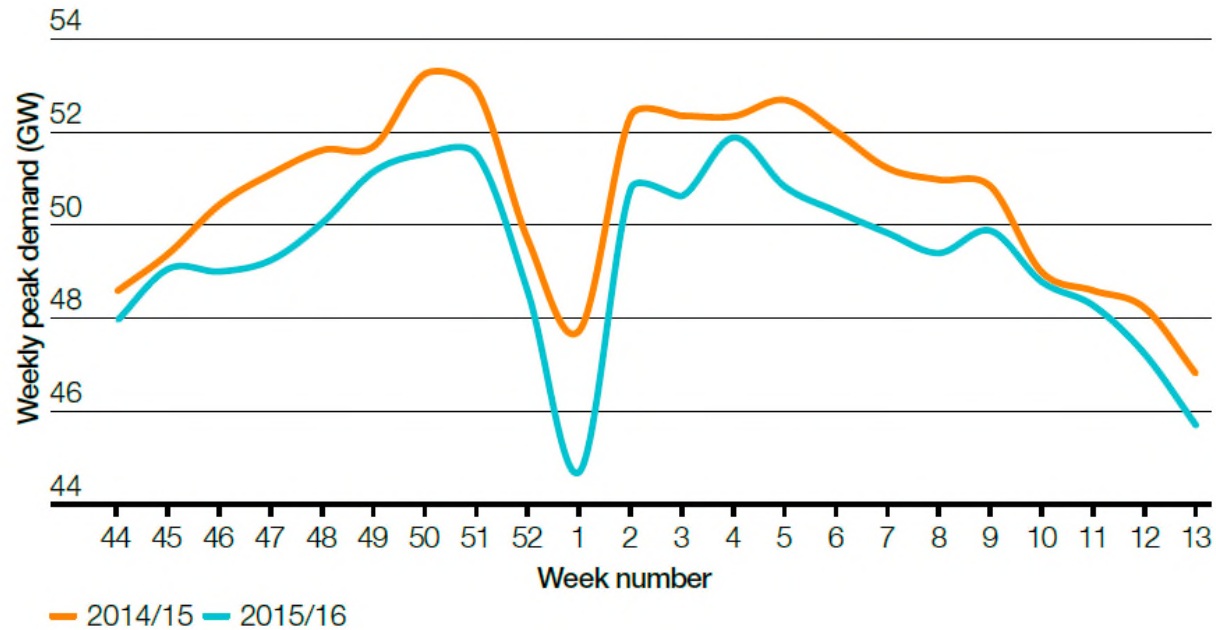


- Published 26 May 2016
- Presents our analysis of the previous winter
- Designed to help the energy industry

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



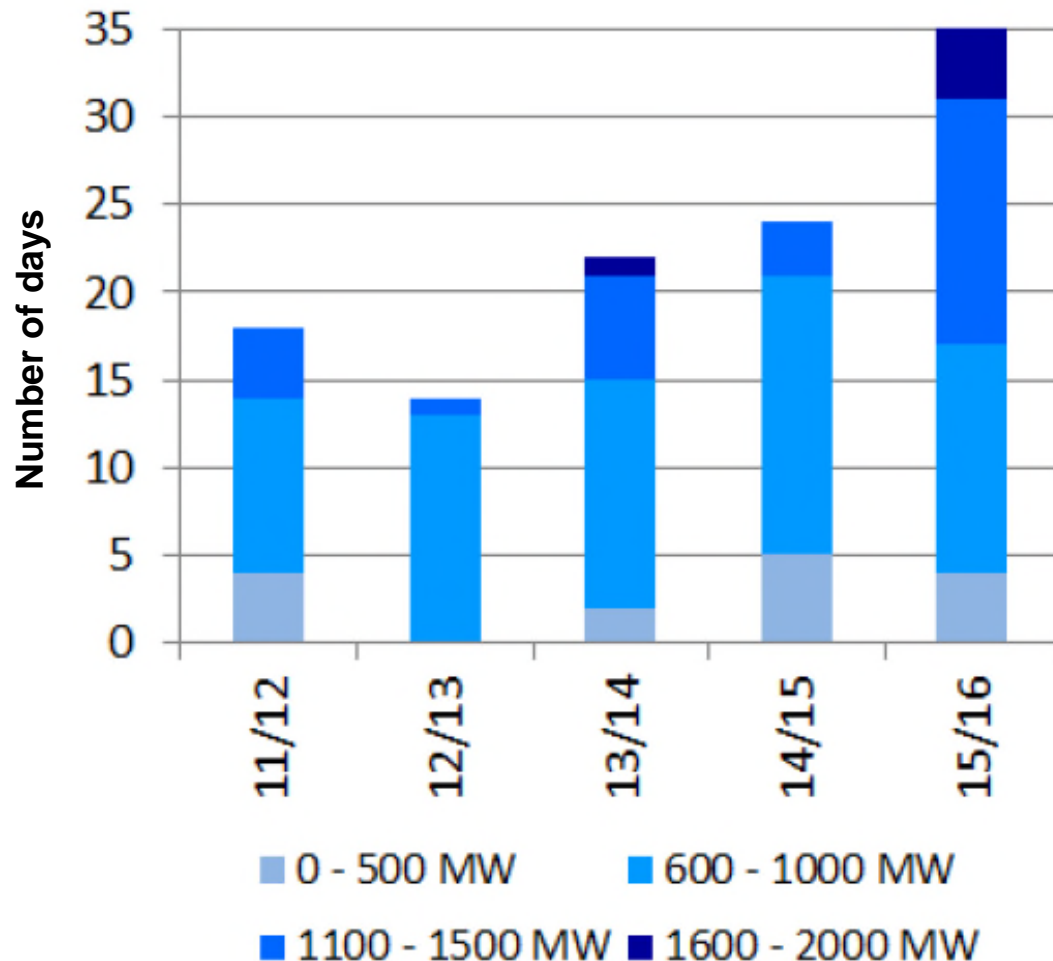
Weather corrected transmission system peak demand was 1 GW lower than forecast in the Winter Outlook Report.

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



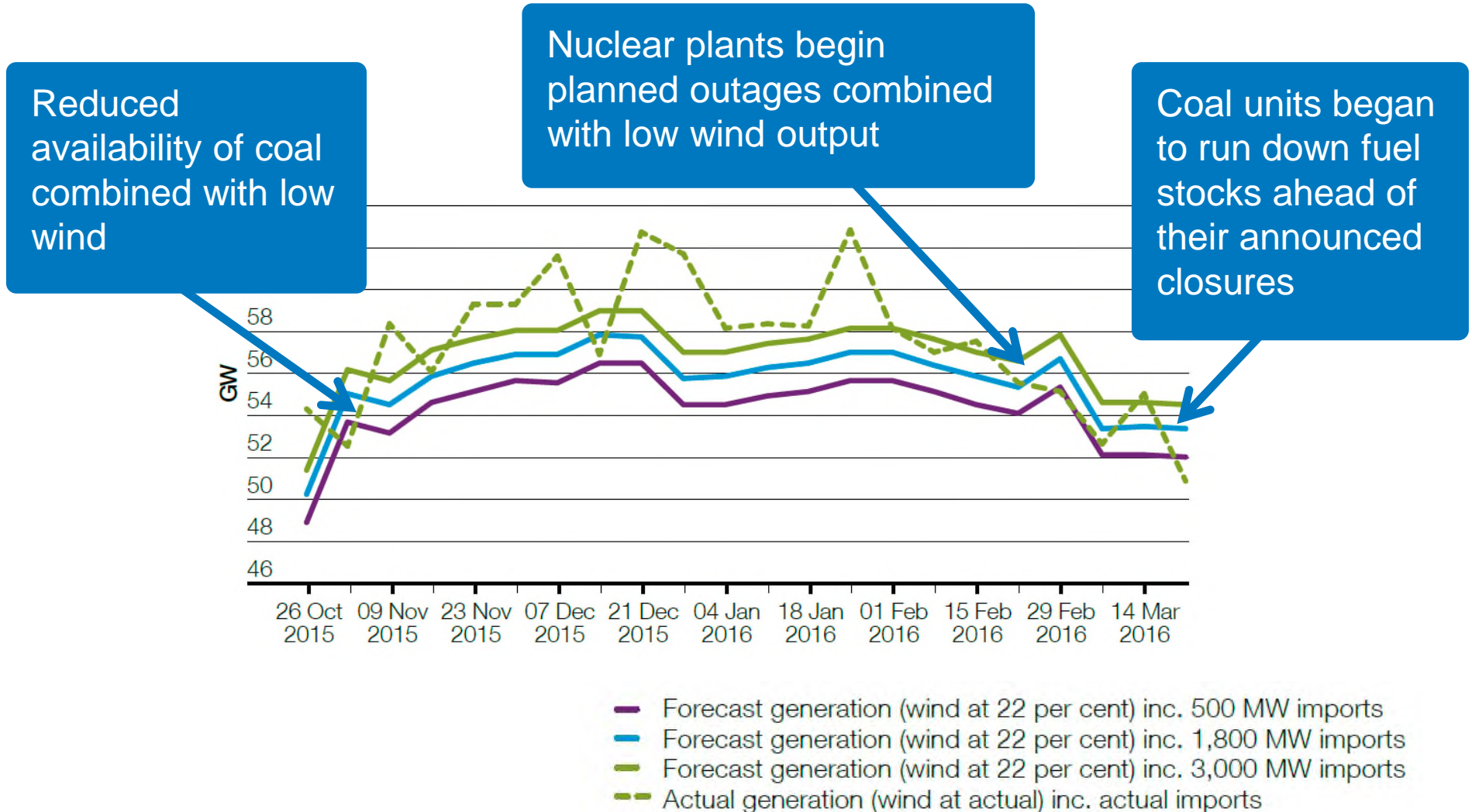
Increasing level of demand management

0.7 to 1.5 GW typical range
2 GW peak

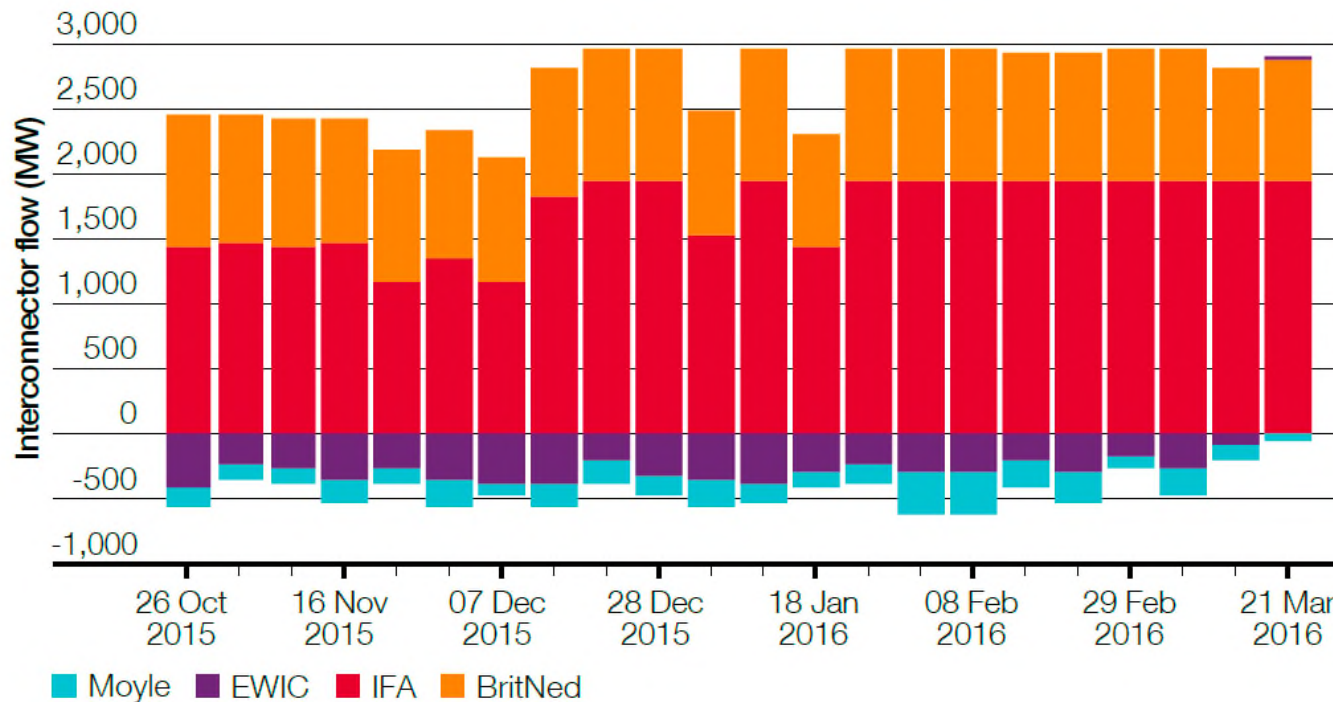
Increasing number of days with Triad avoidance

24 days 2014/15
35 days 2015/16

Generation and interconnector imports were sufficient to meet demand



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



Summer Outlook Report April 2016

Our view of the gas and electricity systems for the summer ahead.



Winter Review May 2016

A comparison showing how the past winter compared to our forecast.



Winter Consultation June 2016

An opportunity to share your views on the winter ahead.



Future Energy Scenarios July 2016

A range of plausible and credible pathways for the future of energy from today out to 2050.



Winter Outlook Report October 2016

Our view of the gas and electricity systems for the winter ahead.



Electricity Ten Year Statement November 2016

The likely future transmission requirements on the electricity system.



Gas Ten Year Statement November 2016

How we will plan and operate the gas network, with a ten year view.



System Operability Framework November 2016

Outlines how the changing energy landscape will impact the operability of the electricity system.



Future Operability Planning November/December 2016

Outlines how the changing energy landscape will impact the operability of the gas system.



Network Options Assessment January 2017

The options available to meet reinforcement requirements on the electricity system.

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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