

Market Information

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Items to cover

1. Progress with consultation
2. Responses from participants
3. Options for new data streams
4. Feedback from DSWG
5. Quick win summary page
6. Further options for summary page
7. Next steps

Consultation Progress

- ◆ We are currently consulting the industry on market information
 - ◆ Operational Forum presentations
 - ◆ Demand Forecasting seminar
 - ◆ Demand Side Working Group meetings (DSWG)
- ◆ We have already received some comments from participants
- ◆ We still welcome your input and will incorporate any further ideas into the process where we can
- ◆ We have recently published a consultation document on our website (<http://www.nationalgrid.com/uk/Electricity/Data/electricitymarketinfo>) summarising responses and options for new information provision
- ◆ We have developed options with ELEXON's support for an electricity summary page similar to the gas daily report

Consultation Document

- ◆ Overview of existing information provision
- ◆ Summary of responses and comments
- ◆ Common market information issues
- ◆ Potential options for delivering new information
- ◆ Platform reliability issues
- ◆ Example options for a summary page
- ◆ Next steps

Feedback – issues and potential new information streams

- ◆ Consistency of demand outturn and forecast definitions
 - ◆ SONAR resilience
 - ◆ Monthly BSUoS information
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- ◆ Bulk provision of BMRS data / ease of querying
 - ◆ Generation by fuel type
 - ◆ GSP demand outturns
 - ◆ Wind generation output forecasts
 - ◆ Notification of demand side usage
 - ◆ Timely publication of reactive power data
 - ◆ Electricity summary page
 - ◆ Triad demand information

Options for possible new data streams

		Requirement for close to real-time data required?	Requirement for High resilience 99.5%	Potential Host Platform		
				Elexon BMRS	NG website	NG website SONAR
Item	Response					
A	Bulk provision of historic BMRS data	No	No	✓	✓	✓
B	Generation by fuel type	Yes	Yes	✓	✓	✓
C	GSP demand outturns	Yes	Yes	✓	✓	✓
D	Wind generation forecasts	Yes	Yes	✓	✓	✓
E	Notification of demand side usage	Yes	Yes	✓	✓	✓
F	Improved reliability of SONAR system	No	No	✓	✓	✓
G	Triad demand information	Yes	Yes	✓	✓	✓
H	Electricity Summary Page	Yes	Yes	✓	✓	✓

Common transparency issues

- ◆ Centralisation – “all in one place”
- ◆ Platform resilience, availability
- ◆ Data refresh (close to real-time through to annual reporting)
- ◆ Data volume/resolution
- ◆ Ease of use e.g. data extraction
- ◆ Cost of delivery
- ◆ Implementation timescales

Next steps

- ◆ Feedback is now awaited from participants to questions in consultation document now published on National Grid website at <http://www.nationalgrid.com/uk/Electricity/Data/electricitymarketinfo>
- ◆ For each new data stream, respondents are requested to identify the rationale behind the request, the likely business benefits expected, the preferred platform and the relative priority for the change (High/Medium/Low)
- ◆ Responses requested by mid September (allows for August holiday period).
- ◆ Based on your responses, we will produce a conclusions document in October.
- ◆ This will summary all the feedback from the current consultation document and the questions raised within it.
- ◆ We may address some key issues that we own in the meantime.
- ◆ Any market participant can request changes to BMRS and the BSC at any time.

Electricity Summary Page

- ◆ A key issue highlighted by DSWG members recently has been the provision of key market information all in one place.
- ◆ For users new to the electricity market, or for whom electricity is not their core business, knowing where to go to access information is an issue
- ◆ DSWG have indicated a requirement to have a single central source for electricity information which is easy to find, in a single page summary format
- ◆ A quick win summary page has been published on BMRS by ELEXON (<http://www.bmreports.com/dsr.htm>)
- ◆ We have also produced a Market information area on our National Grid Website (<http://www.nationalgrid.com/uk/Electricity/Data/electricitymarketinfo/>)
- ◆ We have worked with ELEXON/Logica to develop potential options in tandem with National Grid options for a full summary page solution

Initial “Quick Win” BMRS Summary Page

- ◆ There are a number of different options for the implementation of an electricity summary page;
- ◆ These range from a quick win solution using existing information through intermediate hybrid options up to a more complex and detailed page which includes new data feeds and new graphs (something more like the gas daily summary page);
- ◆ A summary page has already been implemented by ELEXON since last DSWG containing links and some of the key information in one place;
- ◆ This is a joint innovation between National Grid and ELEXON including BMRS and framed National Grid content;
- ◆ The implementation of this page is essentially a no-cost solution for the industry, contrasting with more complex options outlined in the next slides

► Related Sites

- OFGEM
- Elexon
- National Grid

BM Reporting

Contact Us

Electricity Data Summary

Electricity Data Summary

Welcome to the Electricity Data Summary Page

This summary page has been produced to provide centralised access to key electricity data. ELEXON welcomes any suggestions on other data items that users would find it useful to be able to access from this page – please contact the [ELEXON help desk](#).

System Information

The [systems warning page](#) gives details of any system warnings issued by National Grid e.g. Notice of Insufficient Margin (NISM), High Risk of Demand Reduction (HRDR) or Demand Control Imminent (DCI).

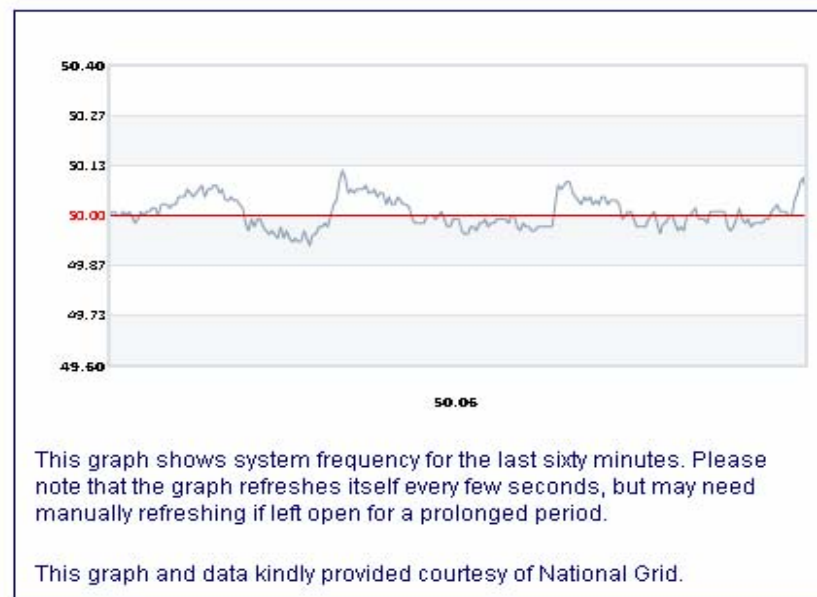
[Real Time Frequency Data](#) is available for the last sixty minutes.

Weather and temperature data are not currently published on the BMRS or National Grid website, but are available from the [Met Office](#).

Market Information

Select IMBALNGC from the [Day and Day Ahead Margin](#) page to display the forecast imbalance position.

The [system prices](#) page displays indicative System Buy Price (SBP) and System Sell Price (SSP) values for today and yesterday.



System Demands

System demand outturn data is available for the [previous and current day](#), the last [sixty minutes](#) (see chart to left), the last [twenty-four hours](#) or the last [eight days](#). Historical data is also available for [download](#).

For the day and day ahead, forecast [demand](#) and [margin](#) data is available.

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Electricity Market Information

Information on the Electricity industry is held across 4 industry websites, provided by National Grid and Elexon. Industry parties have indicated that this can make it difficult to find the required information quickly and that a central location for key data would be beneficial.

In response National Grid has worked with Elexon to develop an [Electricity Data Summary webpage](#), which provides key information from these websites.

Industry Engagement

National Grid has engaged with the industry through the Electricity Operational Forum, the Demand Side Working Group (DSWG) and an Electricity Demand Forecasting Workshop to solicit feedback on information transparency issues. The deadline for feedback as part of this process was 13 July 2007. National Grid will publish a report on this website in early August 2007. This report will also be presented at the Electricity Operational Forum and DSWG.

Whilst the deadline for feedback was the 13 July 2007, National Grid continually welcomes ideas and feedback on improving Information Transparency. For such feedback, please contact richard.j.price@uk.ngrid.com (tel: 0118 936 3391).

Where can I find out more?

Further information can be found, by using the links below to key operational industry websites

▶ [BMRS website \(Elexon\)](#) – Balancing Mechanism half hourly data close to real-time

[Print This Page](#)[Email This Page](#)

Development of a summary page

- ◆ DSWG members like the initial summary page with links
- ◆ However, they are still looking for a full solution without links
- ◆ This would contain all the key electricity market information in tables and graphs on a single page, similar to the gas daily summary report
- ◆ National Grid has developed a strawman full summary page which has been developed further in response to DSWG feedback
- ◆ The latest version is more similar in look to the current gas daily summary report.

System Warnings

Today		Tomorrow	
Wednesday 27 June 2007	None	Thursday 28 June 2007	None

Definitions

Click [here](#) for system warning history

Peak Demands Yesterday / Today Tomorrow

Date	Forecast Demand Peak	Actual Demand Peak
Tue 26 June 2007		42960 MW
Wed 27 June 2007	43550 MW	
Thu 28 June 2007	43300 MW	
Fri 29 June 2007	42800 MW	

Definitions

Click [here](#) for historic and forecast demand data

Triad Demand Information

Winter Triad Demand Period - 1 November to 28 February	GB Demand MW
3 highest demands so far for this winter triad period	
15-Nov-07	57630
03-Dec-07	58340
04-Jan-08	57420
...	...
3 highest forecast demands for rest of this winter triad period	

Options for a full summary page

- ◆ There are a range of options from the quick win page through to a full summary page.
- ◆ A full summary page solution similar to the strawman outlined is considerably more complex than the initial BMRS page
- ◆ Either National Grid or BMRS could publish this page, or could publish part each and there are various potential support level options
- ◆ Whichever route is considered, there are a number of new data items that could be presented and some new ways of presenting the data
- ◆ The more complex options have associated higher costs and longer implementation timescales.
- ◆ The consultation document requests views from participants on the preferred option

Full summary page – next steps

- ◆ How to take this forward will be one of the outputs of the consultation process
- ◆ We would welcome feedback on:
 - ◆ the content of the strawman
 - ◆ the different potential implementation options
- ◆ We continue to work with ELEXON to investigate ways to take this forward

Consultation

- ◆ Please email your responses to the questions raised in the proforma appendix within the consultation document to:
richard.j.price@uk.ngrid.com
by 14th September 2007.
- ◆ A consultation conclusions report will be published in October 2007 based on responses received to this latest consultation.