

1. BMRS: the 'go-to' source for electricity market information

The **Balancing Mechanism Reporting Service** (BMRS) is the primary channel for providing operational data on the GB Electricity Balancing and Settlement arrangements. It's used extensively by market participants to help make trading decisions and understand market dynamics, and acts as a prompt reporting platform as well as a means of accessing historic data. BMRS has a wider user base both within and outside of the energy industry which includes traders, regulators, industry forecasting teams and academics.

In recent years it has become the 'one stop shop' for electricity market information, covering the following information categories:

- **Transmission:** Balancing Mechanism data from the Transmission Company. Information includes System Operator to System Operator Trades (SO-SO), SO-SO Trade Prices and System Warnings.
- **Generation:** generation data including Wind Forecast Out-turn, Generation Output Useable (forecast) and Generation by Fuel Type (actual).
- **Demand:** Demand data including Demand Day Ahead (forecast), Initial Demand Out-turn (actual) and Peak Demand data.
- **Balancing:** data includes System Prices, Balancing Mechanism Unit (BMU) data such as Final Physical Notification (FPN), Maximum Export/Import Limits (MIL/MEL), Bid Offer data
- **REMIT:** information provided by market participants to comply with the inside information requirements of the Regulation on Wholesale Energy Market Integrity and Transparency (REMIT)
- **Transparency:** data for the Transparency Regulation originating from the Transmission company and market participants.

Increase in BMRS Usage over 2 years

Source: Elexon



We are continually seeking to improve the performance of BMRS and the speed by which changes to it can be made. We aim to include exactly the information our customers require when they require it, avoiding the fragmentation of related information across various industry sources. Recent improvements also include:

- We have added an automated real-time machine-to-machine Data Push Service, which is superior to email, and also a data pull service (API) through which users can request specific data.
- We have sought ways to increase the future speed of change, recently making a change in less than four months, including Modification and implementation.
- We operate a BMRS Users' Group to understand the needs of our customers as part of our improvement programme.

The BMRS is more popular than ever, both in terms of API usage made of it by our customers and interactive access. Following recent improvements it is coping with data volumes far in excess of what the old system could have coped with.

We've also had some great feedback from users: 'It's a game changer in how we receive information about what's happening in the balancing mechanism and allows us to quickly meet new business requirements... We wish everyone provided an interface for market data like this!'

2. Two European Network Codes come into force

The Electricity Balancing Guideline and the Network Code on Emergency and Restoration have been published in their final form and will become law on **Monday 18 December 2017**.

These two Codes are part of the European electricity Network Codes and are the last two to make it to this stage, after eight years of development. You can access them in their final version on the [Europe](#) page of our website, which lists the EU Legislation Directly Impacting on the BSC.

Why is this milestone important?

- These are the two Network Codes that can potentially impact the BSC the most, particularly the new Electricity Balancing Guideline.
- The date they become law is significant because it sets legal deadlines for the following proposals:
 - [Project TERRE](#) – implemented in GB arrangements via [P344](#) and [GC0097](#)
 - [Project MARI](#) – similar to Project TERRE
 - The harmonisation of imbalance Settlement
 - The terms and conditions for parties responsible for imbalance
 - How to handle imbalance settlement during emergency periods.

Some of the above listed proposals are likely to drive significant changes to the BSC and will need to be delivered at various times within a period of four years starting from now. While Brexit negotiations might change this, the Government's proposed approach is to transcribe all existing EU law into UK law.

Our cross-code European Network Code plan includes the potential impact of these two Network Codes and can be found on the [Europe](#) page of our website.

3. Introducing ELEXON's new System Price Analysis Dashboard

The way in which System Prices are calculated will be changing on **1 November 2018**. To help you prepare, ELEXON has introduced a new [System Price Analysis Dashboard](#). The Dashboard can help you understand the impact of this change, by modelling System Prices under the November 2018 scenario. The key benefits are:

- This data visualisation tool can be used to analyse System Prices, such as average price differences, maximums, or minimums.
- The dashboard affords greater control to the user. If you wanted to analyse a specific set of Settlement Dates, or drill-down to a half hour Settlement Period-level, this is now possible through the dashboard filters.
- The dashboard is refreshed daily, so you will always have the latest pricing view.

This change is a result of BSC Modification P305 which was implemented on 5 November 2015. It was raised to progress the conclusions to Ofgem's Electricity Balancing Significant Code Review (EBSCR).

Are you prepared? Or is this the first time you have heard of this upcoming change? Thankfully, there is still time. Take advantage of ELEXON's new [System Price Analysis Dashboard](#) and [reports](#) to be prepared.

If you have any questions about the System Price Analysis Dashboard or its data, please get in touch with market.operations@elexon.co.uk.

4. Project TERRE Industry Day on 16 January 2018

ELEXON and National Grid are hosting a Project TERRE Industry Day. The event will take place on **16 January 2018** from **10:00 to 16:00** at [ELEXON's offices](#).

What will the Project TERRE Industry Day involve?

- Welcome and introduction to ELEXON
- Introduction to Project TERRE – What is it?
- The detail of the GB solution – from bids to dispatch to Settlement
- Implementation timescales of the product
- The P344 and GC0097 industry consultations
- Question and Answer session with the GB Project TERRE teams

How can you attend?

In order to book a place, please register using the form on the [TERRE Industry Day page](#) of our website.

Project TERRE background

Project TERRE (Trans European Replacement Reserve Exchange) is a European project to implement a new Replacement Reserve (RR) balancing product. The product is required to fulfil requirements on Transmission System Operators (TSOs) from incoming European legislation, enabling all TERRE participating Balancing Service Providers (BSPs) to submit bids to National Grid on an hourly basis to fulfil 15 minute delivery periods.

BSC Modification [P344 'Project TERRE implementation into GB market arrangements'](#) and Grid Code Modification [GC0097 'Grid Code Processes Supporting TERRE'](#) seek to implement the TERRE product in the GB electricity market.

Both Modifications will be issued for Industry Consultation during January 2018, and this event will educate market participants about the project and enable questions to be answered by the ELEXON and National Grid TERRE implementation teams.

Please email [Elliott Harper](#) at ELEXON or [Sophie Tilley](#) at National Grid for further information about the event.

5. Publication of Transmission Loss Factors and associated data

The Transmission Loss Factor (TLF) data for the BSC Year 2018/19 for [BSC Modification P350 'Introduction of a seasonal Zonal Transmission Losses scheme'](#) has been published on the [ELEXON Portal](#) under the section 'TLFs determination', as required by the P350 changes to the Balancing and Settlement Code.

Please visit the [P350 Implementation](#) page of our website or check [P350 Implementation Circular 6](#) for further information on the published data.

6. Implementation of CP1484 'Introduction of Additional SVAA Validation at SVAA runtime'

The software deployment for [Change Proposal 1484 'Introduction of Additional SVAA Validation at SVAA runtime'](#) will be implemented on **13 December 2017**. CP1484 introduces additional validation measures into the Supplier Volume Allocation Agent (SVAA) system to identify large consumption values and prevent them from entering Settlement if they are erroneous.

Impact of the implementation for BSC Parties

If you are a Half Hourly Data Aggregator (HHDA) or a Non Half Hourly Data Aggregators (NHHDA) you may be contacted and asked to check the validity of data that you have submitted to the Supplier Volume Allocation Agent (SVAA), and may be asked to submit corrected data where necessary.

If you are a Supplier you will benefit from more accurate data produced in the Supplier Volume Allocation (SVA) runs.

CP1484 is part of the November 2017 BSC Systems Release. For further details please see the dedicated [Release Circular](#) on the [Releases](#) section of our website.

7. Modifications, Change and Implementation

Live Consultation

P354 Assessment Procedure Consultation

We have issued [P354 'Use of ABSVD for non-BM Balancing Services at the metered \(MPAN\) level'](#) for Assessment Procedure Consultation, which you are invited to respond to by **17:00 on Friday 15 December 2017**.

You can download the consultation from the [P354](#) page of our website.

Who will be impacted?

- Suppliers
- Half Hourly Data Aggregators
- Non-Balancing Mechanism Balancing Services Providers
- Transmission Company

If you have any questions or would like to discuss this Modification further, please contact **Claire Kerr** on 020 7380 4293 or email bsc.change@elexon.co.uk.

Cross Code Working: European Network Codes Implementation Plan

We have been working with [National Grid](#) and [Energy Networks Association](#) to develop a [European Network Codes](#) (ENCs) implementation plan. The plan aims to support BSC Parties and Code Administrators in managing the changes that these Network Codes and Guidelines will introduce. The November 2017 update has now been published on the [Europe](#) page of our ELEXON website, under 'Related content'.

On 3 March 2011, the European Third Energy Package came into effect with the aim of developing a more harmonised European energy market. This legislation required the development of the ENCs, which would apply across Europe and take precedence over existing national arrangements. The introduction of the ENCs will have a far reaching impact on the GB electricity industry, with changes required to grid connections, markets and system operation. Whilst the final ENCs are expected to enter into force in 2017, implementation activities in GB will continue for a number of years.

P363 raised

On 7 December 2017 Green Frog Power raised Modification Proposal [P363 'Simplifying the registration of new configurations of BM Units'](#). P363 proposes to amend Balance and Settlement Code (BSC) Section K 'Classification and registration of Metering Systems and BM Units' to simplify the registration of new configurations of Balancing Mechanism (BM) Units.

P364 raised

On 7 December 2017 Green Frog Power raised Modification Proposal [P364 'Simplification of the BM Unit registration and change of configuration processes to reflect emerging industry practices'](#). P364 proposes to Amend BSC Section K so that certain configurations of Plant and Apparatus do not have to apply to the Imbalance Settlement Group (ISG) where the Plant and Apparatus is of a physically standard configuration, but a non-standard configuration in terms of registration.

CP1498 Raised by ELEXON

[CP 1498 'Updates to BSCP537 Appendix 1 'Self-Assessment Document' to incorporate an additional question for Meter Operator Agents on Meter Operation Code of Practice Agreement Accreditation'](#) was raised on 23 November 2017.

CP1499 Raised by ELEXON

[CP 1499 Updates to BSCP537 Appendix 1 'Self-Assessment Document' to incorporate an additional question for Suppliers on Meter Operation Code of Practice Agreement Accreditation for Meter Operator Agents'](#) was raised on 23 November 2017.

For more information on CP1498 or CP1499 please contact Claire Kerr on 020 7380 4293 or email bsc.change@elexon.co.uk.

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