



CVA Change Circular 235

Date 2 April 2012
To CVA Change Circular List
From BSC Operations
Purpose For Review

Invitation to review Configurable Items amended as part of the June 2012 Release of BSC Systems

What is the purpose of this Circular?

The June 2012 Release of BSC Systems (the "June 12 Release") includes a change approved by the Panel arising from the BMRS Zones Review ([Panel 186/09](#)). As this change is not a Change Proposal, any amendments to Configurable Items relating to it have not been reviewed by Participants or approved by the Panel Committee(s).

This Circular presents the amended Configurable Items for this change.

All other Configurable Items amended for the "June 12 Release" relate to Change Proposals, and so have already been reviewed and approved.

What are the changes arising from the BMRS Zones Review?

If you currently download any of the forecast data from the "Zonal Data" pages of the [Balancing Mechanism Reporting System](#) (BMRS) website, you may be affected by this change.

The data available from these pages is currently available broken down into either five "BMRS Zones" (for "Day and Day Ahead Demand" and "Day and Day Ahead Margin" data) or into eight "OC2 Zones (for "Zonal Output Usable" data).

National Grid will provide the data to the BMRS for each of the 17 SYS Boundaries.

Please refer to Appendix 1 to this circular for details of this change.



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Do I need to review these documents?

If you are affected by the changes to the BMRS By reviewing these changes, you will be able to identify any changes you may need to make to your systems.

What else is in the June 12 Release?

The full scope of the June 12 Release also includes six approved Change Proposals. Full details of these Change Proposals are available from the [June 12 Release](#) page of the BSC Website.

What Documents do I need to review?

The table below lists all documents for review, which are available for download from the [June 12 Release](#) page of the ELEXON website.

Configurable Item	Version No.
Interface Definition and Design Part 1 Word Document	Amended for BMRS Zones
Interface Definition and Design Part 1 Spreadsheet	20.1
Interface Definition and Design Part 2 Spreadsheet	19.1

Please can you return any comments, using the form provided with this Circular, to releases@elexon.co.uk by the close of business on Monday 16 April 2012.

For more information, please contact:

Colin Berry (colin.berry@elexon.co.uk).

Appendix 1 – Details of the BMRS Zones change

National Grid will deliver all “Zonal” data broken down in the same way as the Seven Year Statement (SYS) forecast data. The National Grid System map (included as Attachment 1¹ to this Circular) shows Great Britain divided into 17 geographically distinct SYS Study Zones and also shows 17 SYS Boundaries.

Following implementation of the June 12 Release, all Zonal Data published on the BMRS will relate to 17 zones ‘B1’ to ‘B17’, rather than the current BMRS Zones (‘A’ to ‘E’) and System Zones (‘A’ to ‘G’ and ‘S’). Each of these seventeen zones is defined by one of the seventeen constraint boundaries defined in the SYS, and is comprised of one or more of the seventeen SYS Study Zones (‘Z1’ to ‘Z17’), as shown below:

Table of New BMRS Zones / System Zones (Adapted from Table 8.1 in the SYS)		
Boundary Id	Definition	Comprising Zones
B1	Zone encompassed by boundary B1	Z1
B2	Zone North of boundary B2	Z1, Z2
B3	Zone encompassed by boundary B3 (Sloy)	Z3
B4	Zone North of boundary B4 (SHETL-SPT Boundary)	Z1, Z2, Z3, Z4
B5	Zone North of boundary B5	Z1, Z2, Z3, Z4, Z5
B6	Zone North of boundary B6 (SPT-NGET Boundary)	Z1, Z2, Z3, Z4, Z5, Z6
B7	Zone North of boundary B7 (Upper North-North)	Z1, Z2, Z3, Z4, Z5, Z6, Z7
B8	Zone North of boundary B8 (North to Midlands)	Z1, Z2, Z3, Z4, Z5, Z6, Z7, Z8, Z9
B9	Zone North of boundary B10 (Midlands to South)	Z1, Z2, Z3, Z4, Z5, Z6, Z7, Z8, Z9, Z10, Z11
B10	Zone South of boundary B10 (South Coast)	Z16, Z17
B11	Zone North of boundary B11 (North East & Yorkshire)	Z1, Z2, Z3, Z4, Z5, Z6, Z7, Z8
B12	Zone South of boundary B12 (South & South West)	Z13, Z16, Z17
B13	Zone encompassed by boundary B13 (South West)	Z17
B14	Zone encompassed by boundary B14 (London)	Z14
B15	Zone encompassed by boundary B15 (Thames Estuary)	Z15
B16	Zone North of boundary B16 (North East, Trent & Yorkshire)	Z1, Z2, Z3, Z4, Z5, Z6, Z7, Z8, Z10
B17	Zone encompassed by boundary B17 (West Midlands)	Z11

The reason for reporting Zonal data for zones B1 to B17 (rather than the smaller non-overlapping zones Z1 to Z17 of which they’re comprised) is that zones B1 to B17 are defined by actual system constraints whose properties have been studied and reported on in the SYS, and which may impose specific limits on the bulk transfer of power.

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Therefore, for most purposes, we expect these zones to be more meaningful. However, by reversing the definitions in the above table it is possible to calculate data for the non-overlapping zones Z1 to Z17 as follows:

Zone	Calculated from Boundary Data
Z1	=B1
Z2	=B2-B1
Z3	=B3
Z4	=B4-B3-B2
Z5	=B5-B4
Z6	=B6-B5
Z7	=B7-B6
Z8	=B11-B7
Z9	=B8-B11
Z10	=B9-B17-B8
Z11	=B17
Z12	=N-B9-B12-B14-B15
Z13	=B12-B10
Z14	=B14
Z15	=B15
Z16	=B10-B13
Z17	=B13

Where N is the National total

This approach potentially allows values of Transmission System Demand Forecast, Indicated Imbalance, Indicated Demand, Indicated Generation or Output Usable to be derived for individual Zones Z1 to Z17 (if required). It would not produce meaningful results for Indicated Constraint Boundary Margin, which is only defined for zones bounded by a known transmission constraint.