

<b>Change Proposal – F40/01 (Page 1 of 2)</b>	<b>CP No: 560</b> <i>(mandatory by BSCCo)</i>
<b>Title</b> <i>(mandatory by originator)</i> Handling of BMRA During BM System Operation Outages	
<b>Description of Change</b> <i>(mandatory by originator)</i>  This Change proposes that Workaround W023 be adopted as an enduring process, and incorporated into the Service Descriptions for the NETA Central Services and BM System Operation Agents.	
<b>Proposed Solution(s)</b> <i>(mandatory by originator)</i>  Workaround W023 provides for the BMRA calculations to be switched off when an Outage occurs, and for the BMRA calculations to resume when the Outage is over and the backlog of BM Data has been caught up. See the attached Workaround W023 for a detailed description of the process.  Workaround W023 processes will be incorporated into the enduring services for the NETA Central Services and BM System Operation Agents.  This Change Proposal extends the scope of the existing Workaround to cover missing data arising from communications failures between NGC and BMRA and any other Outage as defined by BSC Section Q, Paragraph 1.2.1 (c).	
<b>Justification for Change</b> <i>(mandatory by originator)</i>  BSC Section Q Paragraph 6.4.1 requires that “Where the Transmission Company is required to submit data by or within a specified time...such period shall be automatically extended by the period of any relevant Outage, and the Transmission Company shall submit relevant data...for the period of such Outage as soon as reasonably practicable after the end of such Outage.”.  Workaround 023 has been implemented as temporary arrangement to address this requirement during initial NETA live operation. It is necessary to implement enduring solutions to replace temporary workarounds, or (as proposed here) to adopt the workaround as an enduring solution.	
<b>Other Configurable Items Potentially Affected by Proposed Solution(s)</b> <i>(optional by BSCCo)</i>  BMRA Service Description Logica BMRS Procedures BM System Operation Agent Procedures	

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<b>Impact on Core Industry Documents</b> <i>(optional by originator)</i>	
No changes to the BSC are required to implement this Change Proposal, nor is Panel approval required.	
The following relevant BSC sections are relevant to this CP: BSC Section V, Paragraphs 2.2, 2.5, 2.6.7, Table 1 BSC Section Q, Paragraphs 1.2.1(c), 1.3, 5.4.1, 6.1, 6.4	
<b>Related Changes and/or Projects</b> <i>(mandatory by BSCCo)</i>	
None	
<b>Originator's Details:</b>	
<b>BCA Name</b>	<b>Mike Sherrad</b>
<b>Organisation</b>	<b>Elexon</b>
<b>Email Address.</b>	<b>Mike.sherrad@elexon.co.uk</b>
<b>Date</b>	<b>23/05/2001</b>
<b>Organisation.</b>	<b>Elexon Trading</b>
Attachments: Y/N* (If Yes, No. of Pages attached: 3.....) <i>(delete as appropriate)</i>	

<b><u>NETA Workaround Form</u></b>		
<b>Workaround Number: W023</b>	<b>NCR, Problem or Issue #: 161</b>	
<b>Workaround Name: Handling of BMRA During NGC Outages</b>	<b>Status</b> :	Under Development In Use Closed
<b>Identified By: John Chennells</b>	<b>Date Submitted: 05/04/2001</b>	
<b>CDA Owner: Mike Sherrad</b>	<b>Expected Implementation Date: 23/05/2001</b>	
<b>Description of Problem:</b>		
Where an Outage occurs at NGC (either planned or unplanned), the latest received FPNs and BOD received will continue to be used as default by NGC and passed to BMRA, while Bid-Offer Acceptances will be taken by phone and recorded manually for subsequent use. The settlement calculations in BMRA and SAA will not operate correctly without		

Bid-Offer Acceptance data, resulting in incorrect estimated settlement data being reported by BMRA during NGC outages.

Users of the BMRA service will be unaware that the data reported by the BMRA service is incorrect, although a warning message may be issued via BMRA for planned outages.

#### **Cause of Problem:**

Bid-Offer Acceptance data is usually recorded electronically by NGC and passed electronically to BMRA/SAA in near-real time to enable the calculation and reporting of estimated SBP and SSP, BOA volumes and Bid-Offer cash flows.

During an Outage, NGC will record BOAs manually and will not be able to pass the data to BMRA/SAA manually in time for the settlement calculations for the latest settlement periods. Since the BMRA settlement calculation process is an automatic clock-based activity, BMRA will continue to calculate and report estimated settlement data, based on erroneous (i.e. incomplete) NGC BOA data.

#### **Description of Proposed Workaround:**

- Ref. BSC Section Q 6.4: "...the Transmission Company shall submit relevant data...for the period of such Outage as soon as reasonably practicable after the end of such Outage."
- Ref BSC Section V 2.6.7: "In the event that BMRA is unable to calculate ISBP, ISSP...it shall contact the Transmission Company to seek to resolve such matter; and...report the matter to BSCCo".

Further to the above, when an NGC Outage occurs (planned or unplanned), the following steps will be followed in relation to the handling of the missing NGC data in BMRA/SAA.

- 1) NGC will issue a warning message to BMRA prior to the Outage, advising the date and time of the Outage (if planned).
- 2) NGC will phone the Logica Neta Helpdesk (0870 010 6950) and advise them of the date and time at which the Outage commenced.
- 3) NGC will continue to operate the latest Bid-Offers during the period of the Outage, and will issue Acceptances by phone and record them manually.
- 4) Logica will phone the Elexon Helpdesk (020 7380 4222) and advise them that BMRA calculations will be suspended due to Outage at NGC. *NB. If the Outage occurs outside of normal office hours, Logica may notify the Elexon helpdesk via email.*
- 5) Logica will continue to operate the BMRA reporting service, but will disable the operation of the automatic settlement calculation processes from the date and time at which the Outage commenced (or as soon as possible after the start of the Outage). During the Outage:
  - a) BMRA will load and report any BOD and PN data received from NGC relating to periods before, during and after the Outage as normal;
  - b) If the disablement of the settlement calculation process occurs after the first settlement period of the Outage, BMRA will post the results of the settlement calculation based on incorrect data, but these will not be subsequently recalculated at the end of the NGC Outage.
- 6) When the Outage period is over, NGC will:
  - a) input the backlog of data and submit to Logica any missing data for

BMRA-I002 and BMRA-I003 (BOD, BOA, dynamic data etc.) using the NGC-BMRA communications link;

b) phone the Logica Neta Helpdesk (0870 010 6950), and advise them of the date and time at which the input of the backlog was completed.

7) Logica will:

a) load the backlog of data from NGC;

b) when the backlog has been caught up, re-enable the automatic settlement calculation processes, which will then determine and report all settlement calculation data from the first settlement period affected by the Outage onward.

8) Logica will phone the Elexon Helpdesk (020 7380 4222) and advise them that BMRA calculations have been resumed following an Outage at NGC, and confirm the settlement periods affected. *NB. If the Outage ends outside of normal office hours, Logica may notify the Elexon helpdesk via email.*

9) If the start and/or end periods of the Outage change from those already notified, NGC will issue a further warning message to BMRA, advising of the start and end periods of the Outage.

10) Elexon will issue a circular advising Trading Parties of the settlement periods for which BMRA calculations were suspended.

*NB. Elexon will deem implementation of this workaround as overriding existing service commitments with regard to publication of data in the circumstances described above.*

**Confirmation of testing carried out on Proposed Workaround:**

**Any specified constraints on the application of Proposed Workaround:**

**Resolution NCR Number:**

N/A

**Expected Workaround Removal Date:**

**Operational Impact Assessment(s):**

**Elexon**

Required

**LRCA**

**Logica**

Required

**NGC**

Required

**EPFAL**

**CaSM**

**Testing**

**Pre-production**

**Data Aggregation**

**Participants**

**Initial Commercial Assessment**

**Logica**

**EPFAL**

**Distribution List:**

**Required:**

**Date sent:**

**Elexon**

**LRCA**

**Logica**

<b>EPFAL</b>		
<b>NGC</b>		
<b>Testing</b>		
<b>Pre-production</b>		
<b>Data Aggregation</b>		
<b>CaSM</b>		
<b>Participants</b>		
<b>Web-site</b>		
<b>Deliverables Impacted</b>		
<b>Product:</b>	<b>Version:</b>	