

<b>Modification Proposal – BSCP40/03</b>	MP No: P297 <i>(mandatory by BSCCo)</i>
<b>Title of Modification Proposal</b> <i>(mandatory by originator):</i>  <b>Receipt and Publication of New and Revised Dynamic Data Items</b>	
<b>Submission Date</b> <i>(mandatory by originator):</i>  24 July 2013	
<b>Description of Proposed Modification</b> <i>(mandatory by originator)</i>  To modify the Balancing and Settlement Code (BSC) and the BSC Systems to: <ul style="list-style-type: none"> <li>• Receive new and revised Dynamic Data from the Transmission Company; and</li> <li>• Publish this new and revised Dynamic Data on the Balancing Mechanism Reporting Service (BMRS).</li> </ul>	
<b>Description of Issue or Defect that Modification Proposal Seeks to Address</b> <i>(mandatory by originator)</i>  The Grid Code Electricity Balancing System Working Group has been progressing changes to the Dynamic Data Set. This Modification Proposal seeks to ensure that the Dynamic Data Set published on the BMRS fully corresponds to the revised Dynamic Data Set as submitted to the Transmission Company by BSC Parties.	
<b>Impact on Code</b> <i>(optional by originator)</i>  Both BSC Section Q2.1.2, and Table 1 in Annex V-1 to Section V detail the data items that comprise the Dynamic Data Set. In order to add data items to the Dynamic Data Set, it is necessary to change the BSC. The impact on the BSC will be assessed during the modification process; two of the potential approaches being: <ol style="list-style-type: none"> <li>1. Add the new data items to the Dynamic Data Set in Sections Q and V.</li> <li>2. Change the applicable parts of Section Q and V along the lines of the implemented P244 Alternative Modification such that a Modification Proposal is not required in future when a change to the Grid Code is made to add data items to, or remove them from, the Dynamic Data Set.</li> </ol>	
<b>Impact on Core Industry Documents or System Operator-Transmission Owner Code</b> <i>(optional by originator)</i>  This Modification Proposal results from changes to the Grid Code being progressed by the Grid Code Electricity Balancing System Working Group.  No other Core Industry Documents, nor the System Operator-Transmission Owner Code, are impacted by this Modification Proposal.	

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### **Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties** *(optional by originator)*

The impact on BSC Systems is expected to be the receipt from the Transmission Company of the following data items in the Dynamic Data Set and their publication on the BMRS:

- Last Time to Cancel Synchronisation [a Dynamic Parameter recently introduced under Grid Code Change Proposal B/12<sup>1</sup>]
- Revisions to Run-Up Rates (Import and Export) and Run-Down Rate (Import and Export) to accommodate up to ten rates and a reduced minimum rate of 0.02MW/min [Grid Code change is being progressed in parallel to this Modification Proposal<sup>2</sup>]
- Revisions to Stable Export Limits and Stable Import Limits, moving from a static parameter to time-varying profiles similar to Maximum Export Limit and Maximum Import Limit [as above, a Grid Code change is being progressed in parallel to this Modification Proposal]
- Synchronising Interval & De-synchronising Interval at a BM Unit level [a change that anticipates a Grid Code change once the Transmission Company's systems can support this definition – again reference the Authority's decision on Grid Code Change Proposal B/12<sup>1</sup>]

NETA Interface Design Definition (IDD) Part 2 section 2.1.2.2 is relevant to this Modification Proposal and states that:

“...we plan to begin migrating all interfaces with the System Operator from CSV to XML. Our intention (subject to confirmation when assessing the relevant Modification Proposals or Change Proposals) is that all new or amended files provided by the System Operator, whether in relation to BMRA-I002, BMRA-I003 or any other relevant interface requirement, will make use of an XML format...”

The increase in the number of Run-Up and Run-Down Rates would increase the maximum number of time and power co-ordinates in a Bid-Offer Acceptance and it may be prudent to confirm the correct operation of the BMRA and SAA systems with the increased number of co-ordinates.

### **Impact on other Configurable Items** *(optional by originator)*

NETA IDD Part 2 would need revising.

<sup>1</sup> <http://www.nationalgrid.com/NR/ronlyres/6CBB2031-42F2-4382-9BBA-15F63F5BE797/58236/B12D.pdf>

<sup>2</sup> Grid Code Review Panel Paper Ref: pp13/04 from the 16 January meeting provides more information on this subject - <http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/reviewpanelinfo/2013/16th+January/>

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<p><b>Justification for Proposed Modification with Reference to Applicable BSC Objectives</b> <i>(mandatory by originator)</i></p> <p>This Proposed Modification would better facilitate the achievement of Applicable BSC Objective c: “<i>promoting effective competition in the generation and supply of electricity, and (so far as consistent therewith) promoting such competition in the sale and purchase of electricity</i>”</p> <p>The market information provided on the BMRS has an important role in promoting effective competition in the generation and supply of electricity. A subset of this information is the Dynamic Data Set used by the Transmission Company as part of determining which Bids and Offers to accept in the Balancing Mechanism. Consequently it is important that the Dynamic Data Set published on the BMRS is the same as that submitted to, and used by, the Transmission Company. This Proposed Modification would better facilitate the achievement of Applicable BSC Objective c by continuing to ensure that the Dynamic Data Set published on the BMRS is the same as that used by the Transmission Company.</p>	
<p><b>Is there a likely material environmental impact?</b> <i>(mandatory by originator)</i></p> <p>No</p>	
<p><b>Urgency Recommended:</b> <i>(optional by originator)</i></p> <p>No</p>	
<p><b>Justification for Urgency Recommendation</b> <i>(mandatory by originator if recommending progression as an Urgent Modification Proposal)</i></p> <p>Not applicable</p>	
<p><b>Self-Governance Recommended:</b> <i>(mandatory by originator)</i></p> <p>No</p>	
<p><b>Justification for Self-Governance Recommendation</b> <i>(mandatory by originator if recommending progression as Self-Governance Modification Proposal)</i></p> <p>Not applicable</p>	
<p><b>Should this Modification Proposal be considered exempt from any ongoing Significant Code Reviews?</b> <i>(mandatory by originator in order to assist the Panel decide whether a Modification Proposal should undergo a SCR Suitability Assessment)</i></p> <p>Yes – this Modification has no interaction with the on-going Electricity Balancing SCR</p>	

<p align="center"><b>Modification Proposal – BSCP40/03</b></p>	<p>MP No: P297 (mandatory by BSCCo)</p>
<p><b>Details of Proposer:</b></p> <p><i>Name: Robert Paterson</i></p> <p><i>Organisation: National Grid</i></p> <p><i>Telephone Number: 0118 936 3664</i></p> <p><i>Email Address: <a href="mailto:robert.paterson@nationalgrid.com">robert.paterson@nationalgrid.com</a></i></p>	
<p><b>Details of Proposer’s Representative:</b></p> <p><i>Name: Robert Paterson</i></p> <p><i>Organisation: National Grid</i></p> <p><i>Telephone Number: 0118 936 3664</i></p> <p><i>Email address: <a href="mailto:robert.paterson@nationalgrid.com">robert.paterson@nationalgrid.com</a></i></p>	
<p><b>Details of Representative’s Alternate:</b></p> <p><i>Name: Sally Lewis</i></p> <p><i>Organisation: National Grid</i></p> <p><i>Telephone Number: 01926 656984</i></p> <p><i>Email address: <a href="mailto:sally.lewis@nationalgrid.com">sally.lewis@nationalgrid.com</a></i></p>	
<p><b>Attachments: No</b> (mandatory by originator)</p>	