

ASSESSMENT CONSULTATION for Modification Proposal P219 ' Consistency between Forecast and Out-turn Demand'

Prepared by: P219 Modification Group

For attention of: BSC Parties and other interested parties
Responses due: 5.00pm on 10 December 2007
(to: modification.consultations@elexon.co.uk)

Date of Issue: 27 November 2007 **Document Reference:** P219AC
Reason for Issue: For Consultation **Version Number:** 1.0

This document has been distributed in accordance with Section F2.1.10 of the Balancing and Settlement Code.¹

Proposed Modification P219 seeks to address the ambiguity surrounding the forecast and Out-turn data reported on the BMRS (Balancing Mechanism Reporting System) and to align the BSC provisions with the Grid Code. P219 aims to achieve this by publishing two sets of data to the BMRS for both, Demand forecast and Demand Out-turn. P219 will introduce into the BSC the definition of Transmission System Demand and amend several definitions as stated in the Modification Proposal, all of which will be aligned with the definitions of the Grid Code.

PURPOSE OF CONSULTATION

This consultation seeks respondents' views regarding P219 and, in particular:

- Whether the Proposed Modification would better facilitate the achievement of the Applicable BSC Objectives² when compared to the current Code baseline;
- Whether there are any alternative solutions that the Modification Group has not identified and that should be considered; and
- Whether there are any substantive issues not considered by the Modification Group which should be brought to the Group's attention for inclusion in its assessment of P219.

You are invited to provide a response to the questions contained in the attached pro-forma.

Please send responses, entitled 'P219 Assessment Procedure Consultation', **by 5.00pm on 10 December 2007** to the following e-mail address: modification.consultations@elexon.co.uk.

Any queries on the content of the consultation pro-forma should be addressed to Sherwin Cotta (020 7380 4361), e-mail address Sherwin.Cotta@elexon.co.uk.

This consultation document is also being simultaneously issued for impact assessment by BSCCo and the Transmission Company.

¹ The current version of the Code can be found at <http://www.elexon.co.uk/bscrelateddocs/BSC/default.aspx>.

² A copy of the Applicable BSC Objectives is provided in Appendix 1.

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SUMMARY OF IMPACTED PARTIES AND DOCUMENTS

As far as the Modification Group has been able to assess, the following parties/documents would be impacted by P219.

Please note that this table represents a summary of the full impact assessment results in Appendix 3.

Parties	Sections of the BSC	Code Subsidiary Documents
Distribution System Operators <input type="checkbox"/>	A <input type="checkbox"/>	BSC Procedures <input type="checkbox"/>
Generators <input checked="" type="checkbox"/>	B <input type="checkbox"/>	Codes of Practice <input type="checkbox"/>
Interconnectors <input checked="" type="checkbox"/>	C <input type="checkbox"/>	BSC Service Descriptions <input checked="" type="checkbox"/>
Licence Exemptable Generators <input checked="" type="checkbox"/>	D <input type="checkbox"/>	Party Service Lines <input type="checkbox"/>
Non-Physical Traders <input checked="" type="checkbox"/>	E <input type="checkbox"/>	Data Catalogues <input type="checkbox"/>
Suppliers <input checked="" type="checkbox"/>	F <input type="checkbox"/>	Communication Requirements Documents <input type="checkbox"/>
Transmission Company <input checked="" type="checkbox"/>	G <input type="checkbox"/>	Reporting Catalogue <input type="checkbox"/>
Party Agents	H <input type="checkbox"/>	Core Industry Documents
Data Aggregators <input type="checkbox"/>	I <input type="checkbox"/>	Ancillary Services Agreement <input type="checkbox"/>
Data Collectors <input type="checkbox"/>	J <input type="checkbox"/>	British Grid Systems Agreement <input type="checkbox"/>
Meter Administrators <input type="checkbox"/>	K <input type="checkbox"/>	Data Transfer Services Agreement <input type="checkbox"/>
Meter Operator Agents <input type="checkbox"/>	L <input type="checkbox"/>	Distribution Code <input type="checkbox"/>
ECVNA <input type="checkbox"/>	M <input type="checkbox"/>	Distribution Connection and Use of System Agreement <input type="checkbox"/>
MVRNA <input type="checkbox"/>	N <input type="checkbox"/>	Grid Code <input type="checkbox"/>
BSC Agents	O <input type="checkbox"/>	Master Registration Agreement <input type="checkbox"/>
SAA <input type="checkbox"/>	P <input type="checkbox"/>	Supplemental Agreements <input type="checkbox"/>
FAA <input type="checkbox"/>	Q <input checked="" type="checkbox"/>	Use of Interconnector Agreement <input type="checkbox"/>
BMRA <input checked="" type="checkbox"/>	R <input type="checkbox"/>	BSCCo
ECVAA <input type="checkbox"/>	S <input type="checkbox"/>	Internal Working Procedures <input type="checkbox"/>
CDCA <input type="checkbox"/>	T <input type="checkbox"/>	BSC Panel/Panel Committees
TAA <input type="checkbox"/>	U <input type="checkbox"/>	Working Practices <input type="checkbox"/>
CRA <input type="checkbox"/>	V <input checked="" type="checkbox"/>	Other
SVAA <input type="checkbox"/>	W <input type="checkbox"/>	Market Index Data Provider <input type="checkbox"/>
Teleswitch Agent <input type="checkbox"/>	X <input checked="" type="checkbox"/>	Market Index Definition Statement <input type="checkbox"/>
BSC Auditor <input type="checkbox"/>		System Operator-Transmission Owner Code <input type="checkbox"/>
Profile Administrator <input type="checkbox"/>		Transmission Licence <input type="checkbox"/>
Certification Agent <input type="checkbox"/>		
Other Agents		
Supplier Meter Registration Agent <input type="checkbox"/>		
Unmetered Supplies Operator <input type="checkbox"/>		
Data Transfer Service Provider <input type="checkbox"/>		

1 EXECUTIVE SUMMARY

The key conclusions of the P219 Modification Group ('the Group') to date are outlined below.

The Group:

- **AGREED** an initial view that the Proposed Modification would better facilitate the achievement of Applicable BSC Objectives (c) and (d) but remained neutral on whether the Proposed Modification better facilitated the achievement of Applicable BSC Objective (b).
- **DEVELOPED** a solution for the BMRS whereby different data sets could be toggled on or off on a single graph as needed.
- **AGREED** that there should be no changes to Zonal Data which will be based on Transmission System Demand.
- **AGREED** that data should be published as TIBCO messages and available on the BMRS website in both graphic and tabular formats.
- **CONSIDERED** a potential alternative solution whereby only National Demand forecast and National Demand Out-turn would exist but Interconnector flows and demand from station transformers and pumped storage would exist as a separate file, but **AGREED** not to develop this further;
- **NOTED** that implementation costs may be lower for the Proposed Modification, if P219 were to be implemented with P220.

A description of the P219 solution is provided in Section 2. Further information regarding the Group's initial discussions of the areas set out in the P219 Terms of Reference is contained in Section 3.

A copy of the Group's full Terms of Reference can be found in Appendix 2.

2 DESCRIPTION OF MODIFICATION

This section outlines the solution for the Proposed Modification as developed by the Modification Group.

For a full description of the original Modification Proposal as submitted by National Grid ('the Proposer'), please refer to the P219 Initial Written Assessment (IWA).

2.1 Background

P219 has been raised following feedback in both a National Grid consultation document (Reference 1) and the standing Issue 17 'Review of Electricity Market Information' (Reference 2). One of the concerns raised by the Proposer was regarding the consistency between all available demand figures published to the industry and the other was a need to improve market signals by providing additional and clearer information in the market.

The Proposer believes that specific improvements to the Demand data flows are a step that could be taken to improve existing market information.

2.2 Proposed Modification

P219 was raised on 26 October 2007 by National Grid. This proposal seeks to enable submission to the Balancing Mechanism Reporting Agent (BMRA) and publication of additional data on the BMRS in order to improve consistency, clarity and detail of forecast and Out-turn demand information, and allow fuller comparison of forecast and Out-turn data than can be achieved at present. The Proposer believes that this should give participants enhanced information in relation to forecast and Out-turn demand, allowing more efficient operation of the market.

The Proposer has noted that under P219:

- An amended National Demand Forecast, Transmission System Demand Forecast (both these Demand Forecasts will replace the current National Demand Forecast) and Transmission System Demand Out-turn for **all timescales**. National Grid explained that two streams of data would be published on the BMRS i.e. National Demand forecast and National Demand Out-turn as one stream, and Transmission System Demand forecast and Transmission System Demand Out-turn as a separate stream.
- National Demand Out-turn will remain unchanged.
- Enable BSC provisions to be aligned with the Grid Code.

Currently there are inconsistencies in forecast and out-turn data, for example the 1-2 day National Demand Forecast (DF). The DF at 09.00am **does not** include Interconnector flows or Demand from station transformers and pumped storage units. This Demand forecast is directly comparable to the published National Demand Out-turn (actual) Demand data, as both do not include Interconnector flows or Demand from station transformers and pumped storage units.

At a later time (11.00am) during the same day when additional data becomes available to the Transmission Company, revised versions of National Demand Forecasts contain data that **do include** Interconnector flows and Demand from pumped storage units and station transformers.

P219 aims to have two sets of Demand Forecast and Demand Out-turn data, where one set of forecast and out-turn data **include** Interconnectors, Demand from station transformers and pumped storage, and the other set that **excludes** Interconnectors, Demand from station transformers and pumped storage.

P219 will introduce into the BSC the definition of Transmission System Demand and amend several definitions as stated in the Modification Proposal, all of which will be aligned with the definitions of the Grid Code in addition to the Demand Forecast and Demand Out-turn data that will be published on the BMRS.

Currently there are inconsistencies in forecast and out-turn data, for example the 1-2 day National Demand Forecast (NDFD). The NDFD at 09.00am **does not** include Interconnector flows or Demand from station transformers and pumped storage units. This Demand forecast is directly comparable to the published National Demand Out-turn (actual) Demand data, as both do not include Interconnector flows or Demand from station transformers and pumped storage units.

At a later time (11.00am) during the same day when additional data becomes available to the Transmission Company, revised versions of National Demand Forecasts contain data that **do include** Interconnector flows and Demand from pumped storage units and station transformers.

P219 aims to have two sets of Demand Forecast and Demand Out-turn data, where one set of forecast and out-turn data include Interconnectors, Demand from station transformers and pumped storage, and the other set that does not contain Interconnectors, Demand from station transformers and pumped storage.

P219 will introduce into the BSC the definition of Transmission System Demand and amend several definitions as stated in the Modification Proposal, all of which will be aligned with the definitions of the Grid Code

The Group supported the description of the Proposed Modification and did not suggest any changes to the Proposed Modification.

The Group duly considered if there was a potential Alternate Modification that would better facilitate the achievement of Applicable BSC objectives or resolved the defect, but did not identify one.

3 AREAS RAISED BY THE TERMS OF REFERENCE

This section outlines the initial conclusions of the Modification Group regarding the areas set out in the P219 Terms of Reference.

3.1 Amendments to BSC definitions and the display of data files sent by National Grid to the BMRS.

The Group agreed the amendments to the BSC definitions and the proposal on how data would be displayed on the BMRS.

National Grid explained that two streams of data would be published on the BMRS i.e. National Demand forecast and National Demand Out-turn as one stream, and Transmission System Demand forecast and Transmission System Demand Out-turn as a separate stream.

One member stated that the differences between these two streams of data will need to be clearly explained and that all terms should be clearly defined with respect to their meaning and how they were derived. The member went on to state that this was essential for new and small market players.

The Group discussed the availability of real time data, purely for a party to check its target / market position i.e. whether it is above or below the forecast threshold. Thus a Party can change its position if required. National Grid stated that the Out-turn data provided should address this concern, and if need be, that real time data is available.

ELEXON presented an example of how the Proposed Modification would look which contained the different Demand and Out-turn data on one graph. It was agreed that it may prove difficult to update historic data, so that it could be consistent with the different Demand and Out-turn data i.e. Pre P219 data. For further details of these changes, please refer to the P219 requirement spec (Reference 4)

The Proposed view is that all data would be presented on a single graph therefore a Single Graph would contain four lines (E.g. National Demand Forecast, Transmission System Demand Forecast Indicated Demand and Indicated Generation for 'day and day ahead demand data'). There were concerns that having four lines on a single graph may be visually cluttered or confusing and members generally agreed that a check box should be made available, whereby different data sets which would give the users an option to selectively display which data streams they wished to see on the BMRS.

The group sought clarification from National Grid on how National Grid calculated Surpluses, to which National Grid confirmed that Surpluses were based on Transmission System Demand data.

3.2 BMRS Costs

The Group revisited the topic of Issue 17 (where changes to the BMRS were proposed) and National Grid mentioned that the high costs were one of the reasons that none of the changes were progressed.

National Grid hoped that costs would have lowered, in part due to the work carried out with ELEXON and Logica (on improving the BMRS) through the use of new technology.

3.3 Future of the High Grade website

The Group discussed several aspects of the High Grade website such as:

- The future of the high grade website (as is being looked by CP 1217 – 'Reference 3') and whether it would be more cost effective to send data via the TIBCO messaging service and the internet.
- One member suggested that in an unforeseeable event, the general public may access the low grade website (www.bmreports.com) as was the case for the gas demand summary page (<http://www.nationalgrid.com/uk/Gas/Data/dsr/>) as publicly the availability of this information was publicised by the news service. This phenomenon could render the low grade webpage unusable

for market participants, where access to demand and forecast profiles cannot be accessed. It was further suggested that the High Grade website should not be closed down or that a password protected mirror website be created. It was agreed that this was not a subject for consideration under the assessment of this Modification Proposal.

- Any costs for P219 should be presented with and without the costs of hosting the high grade website as it was not clear what the outcome of CP1217 would be.

3.4 **BMRS historical data, Demand forecast breakdown and Electricity Summary page.**

It was noted that the National Grid consultation had raised concerns about how difficult it was to access large quantities of historic data from BMRS. ELEXON explained that the current BMRS functionality for retrieving historic data (including historic Demand Out-turn data) is designed to allow fairly small quantities of data (e.g. data for a single Settlement Day) to be retrieved in tabular, graphic and CSV (comma separated value) formats. ELEXON is currently considering how best to take forward the question of access to larger quantities of historic data. The Group agreed that this issue (which is a general one extending beyond the P219 data items) should be considered outside the scope of the Modification Proposal.

The Group discussed about the constituents that made up the Demand Forecasts (on the Electricity Summary page) and suggested that in some instances it was possible to deduce the level of pumped storage from the difference between the two Demand forecasts. This raised the issue of whether there would be confidentiality issues around the total level of pumped storage and the view of the group was that this was not an issue, especially since BETTA (British Electricity Trading & Transmission Arrangement) had brought new pumped storage players into the market.

National Grid added that P219 will change the Electricity Summary page (which includes facilities for comparing Demand Forecast with Initial Demand Out-turn data and is scheduled for implementation in Q1 of 2008) in that the latest Transmission System Demand Forecast will be used instead of the 08.45 National Demand Forecast that is used currently.

3.5 **Implementation Approach**

The Implementation approach for P219 will be decided by the Modification Group, depending on the results of the Impact assessment (which will be conducted in parallel with the consultation).

It should be noted that there may be potential cost saving if P219 were to be implemented along with P220 and that information relating to this would be sought as part of the Impact Assessment. Both Modification Proposals were raised by National Grid and seek to address separate defects in the area of BMRS reporting.

P219 could be implemented as a stand alone item if the Authority (Ofgem) were to reject P220 or that if it was recommended that P219 and P220 should be implemented separately.

4 **ASSESSMENT OF MODIFICATION AGAINST APPLICABLE BSC OBJECTIVES**

This section outlines the initial views of the Modification Group regarding the merits of P219 against the Applicable BSC Objectives.

4.1 **Proposed Modification**

The initial **UNANIMOUS** view of the Modification Group was that the Proposed Modification **WOULD** better facilitate the achievement of Applicable BSC Objectives (c) and (d), but remained neutral with respect to Objective (b) when compared to the current Code baseline, for the following reasons:

Applicable BSC Objective [b]

The Group found it difficult to quantify any benefits with respect to the achievement of Applicable BSC Objective and agreed that the Proposed Modification would have a neutral impact on Applicable BSC Objective (b).

National Grid stated that accurate data would assist the smaller and new market players which in turn would help the market better balance itself and consequently allowing National Grid to better fulfil its role. This was reflected by some of the Modification Group members.

There was debate surrounding the data streams, where the group felt that although P219 may improve the transparency of data issue, it could mean that some market players may not necessarily understand the differences, thereby creating confusion and increasing the number of queries to National Grid.

Applicable BSC Objective [c]

The Group unanimously agreed that BSC Objective (c) would be better facilitated by the Proposed Modification. The Group felt the Proposed Modification would assist the smaller / new market players thereby promoting increased competition.

Applicable BSC Objective [d]

The Group unanimously agreed (subject to costs) that the Proposed Modification better facilitates BSC Objective (d). The Group believed that the proposed modification would lessen the number of queries to ELEXON with respect to the defect that P219 seeks to address.

5 TERMS USED IN THIS DOCUMENT

Other acronyms and defined terms take the meanings defined in Section X of the Code.

Acronym/Term	Definition
BMRS	Balancing Mechanism Reporting System
IWA	Initial Written Assessment
INDO	Initial National Demand Out-turn
BETTA	British Electricity Trading & Transmission Arrangement
CP	Change Proposal

6 DOCUMENT CONTROL**6.1 Authorities**

Version	Date	Author	Reviewer	Reason for Review
0.1	19/11/07	Sherwin Cotta	John Lucas	For technical review
0.2	22/11/07	Sherwin Cotta		For Modification Group review
1.0	27/11/07	P219 Modification Group		For industry consultation

6.2 References

Ref.	Document Title	Owner	Issue Date	Version
1	National Grid Electricity Market Information Consultation: Conclusions Report http://www.nationalgrid.com/uk/Electricity/Data/electricitymarketinfo/	National Grid	15/10/07	N/A

2	Standing Issue 17 - Review of Electricity Market Information (REMI)	National Grid	4/05/07	N/A
3	CP1217 - Discontinuing the BMRS High Grade Website http://www.elexon.co.uk/changeimplementation/ChangeProcess/proposals/proposal_details.aspx?proposalId=715	ELEXON	09/11/2007	
4	P219 Requirement Specification – Section 2.2 BMRS webpage, Page 6 http://www.elexon.co.uk/changeimplementation/ModificationProcess/ModificationDocumentation/modProposalView.aspx?propID=239	ELEXON	27/11/2007	1.0

APPENDIX 1: APPLICABLE BSC OBJECTIVES

For reference the Applicable BSC Objectives, as contained in the Transmission Licence, are:

- (a) The efficient discharge by the licensee [i.e. the Transmission Company] of the obligations imposed upon it by this licence [i.e. the Transmission Licence];
- (b) The efficient, economic and co-ordinated operation of the GB transmission system;
- (c) 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;
- (d) Promoting efficiency in the implementation and administration of the balancing and settlement arrangements.

APPENDIX 2: PROCESS FOLLOWED

Copies of all documents referred to in the table below can be found on the BSC Website at: <http://www.elexon.co.uk/changeimplementation/ModificationProcess/modificationdocumentation/modProposalView.aspx?propID=239>

Date	Event
26/10/2007	Modification Proposal raised by National Grid
09/11/2007	IWA presented to the Panel
13/11/2007	First Assessment Procedure Modification Group meeting held
27/11/2007	Requirements Specification issued for BSC Agent impact assessment
27/11/2007	Request for Party/Party Agent impact assessments request issued
27/11/2007	Request for Transmission Company analysis issued
27/11/2007	Request for BSCCo impact assessment issued
10/12/2007	BSC Agent impact assessment response returned
10/12/2007	Party/Party Agent impact assessment responses returned
10/12/2007	Transmission Company analysis returned
10/12/2007	BSCCo impact assessment returned
12/12/2007	Second Assessment Procedure Modification Group meeting held

ESTIMATED COSTS OF PROGRESSING MODIFICATION PROPOSAL³

Meeting Cost	£ 750 (based on sharing one meeting with that of P220)
Legal/Expert Cost	£ Nil
Impact Assessment Cost	£ 5,000
ELEXON Resource	38 man days £ 7,990

The above costs have remained unchanged from the P219 IWA.

³ Clarification of the meanings of the cost terms in this appendix can be found on the BSC Website at the following link:
http://www.elexon.co.uk/documents/Change_and_Implementation/Modifications_Process_-_Related_Documents/Clarification_of_Costs_in_Modification_Procedure_Reports.pdf.

P219 MODIFICATION GROUP MEMBERSHIP

Member	Organisation	13/11
Richard Clarke	ELEXON (Chairman)	Y
Sherwin Cotta	ELEXON (Lead Analyst)	Y
Shafqat Ali	National Grid (Proposer)	Y
Bill Reed	RWE npower Trading	Y
Ben Sheehy	E.ON	Y
Laura Jeffs	Centrica	Y
Stephen Carter	EDF Energy	Y
Gary Henderson	Scottish Power	N
Garth Graham	Scottish Southern	Y
Attendee	Organisation	
Andrew Wallace	Ofgem	Y
Irene Babs-Jonah	Ofgem	Y
Andy Howden	Logica	Y
Mark Gribble	Logica	Y
John Lucas	ELEXON (Design Authority)	Y
Jamie Anavi	ELEXON	Y
Kathryn Coffin	ELEXON	Y
Paul Auckland	National Grid	Y
Chris Rogers	National Grid	Y
Eddie Proffitt	MEUC	Y

TERMS OF REFERENCE

(Version 1.0)

APPENDIX FOR MODIFICATION PROPOSAL P219

Modification Proposal P219 will be considered by the P219 Modification Group (which will be formed from the Settlement Standing Modification Group), in accordance with the SSMG's Terms of Reference and this Appendix

P219 – Consistency between Forecast and Out-turn Demand

1. ASSESSMENT PROCEDURE

- 1.1 The Modification Group will carry out an Assessment Procedure in respect of Modification Proposal P219 in accordance with Section F2.6 of the Code.
- 1.2 The Modification Group will produce an Assessment Report for consideration at the BSC Panel Meeting on 17 January 2008.
- 1.3 The Modification Group shall consider and/or include in the Assessment Report as appropriate:
 - The changes to definitions in the BSC as stated in the Modification Proposal;
 - The appropriate format (e.g. graphic or tabular) in which each proposed new data item would be published on the BMRS and the TIBCO messaging service;
 - The changes to the BMRS and TIBCO messaging service in order to cope with the increased number of data files;
 - The central implementation costs of P219 to the Transmission Company, BMRA and BSCCo – including any potential cost savings which might arise from a parallel implementation with Modification Proposal P220 (to be established via impact assessment);
 - Any Alternative Modification which would better facilitate the achievement of the Applicable BSC Objectives in relation to the issue or defect identified in the Modification Proposal, when compared with the Proposed Modification – including consideration of:
 - ◇ Unbundling the various components **i.e.** One Demand Forecast and one Demand Out-turn with a separate data files which contains the respective Interconnector flows, station transformer demand and pumped storage demand.
 - Recommended Implementation Date(s) for P219, taking into account any potential interaction with (and cost implications resulting from) Project Isis; and
 - Recommended legal drafting for P219 - having reviewed the suggested drafting included in the Modification Proposal for Section Q and Annex X-2 of the Code, and having developed any additional/amended drafting which may be required (e.g. for Section V or Annex X-1).

APPENDIX 3: RESULTS OF INITIAL ASSESSMENT

a) Impact on BSC Systems and Processes

System / Process	Impact of Proposed/Alternative Modification
BMRS	<p>Changes will be required to the system interfaces that transmit data from National Grid to the BMRA. Changes will also be required to the BMRS in order to make the new data items available to Parties via the website and (for High Grade users) the TIBCO messaging service.</p> <p>The P219 change interacts with the Phase 1 electricity summary page (planned for implementation in Q1 of calendar year 2008). In order to compare Demand Forecast data with INDO (which excludes pumped storage, station transformer and Interconnector Demand) the Phase 1 solution has specific logic for identifying the 09.00 am Demand Forecast. This logic would be redundant under P219.</p>

b) Impact on BSC Agent Contractual Arrangements

BSC Agent Contract	Impact of Proposed/Alternative Modification
LogicaCMG (BMRA)	

c) Impact on BSC Parties and Party Agents

BSC Parties and non-Parties who currently use the BMRS High Grade Service will be able to receive the new and amended data items via the website and/or TIBCO messaging. Though it should be noted that the future of the High Grade Service is being reassessed (CP1217). Parties and non-Parties using the Low Grade Service would be able to access the new and amended data items via the public website.

d) Impact on Transmission Company

Changes will be required to the National Grid systems, in order to submit the amended (new and existing) data files to the BMRA. Changes to the 'BMRS & SAA Interface Specification' which sets out the format of data submitted to the BMRS and ELEXON.

e) Impact on BSCCo

No Impact

f) Impact on Code

Code Section	Impact of Proposed/Alternative Modification
Section Q 6.1	As indicated in the suggested Legal text of the Modification Proposal
Section V	As indicated in the suggested Legal text of the Modification Proposal
Section X	As indicated in the suggested Legal text of the Modification Proposal
Annex X-2	As indicated in the suggested Legal text of the Modification Proposal
Table X-2	As indicated in the suggested Legal text of the Modification Proposal

g) Impact on Code Subsidiary Documents

Document	Impact of Proposed/Alternative Modification
BMRA Service Description	Changes would need to be captured to this document

h) Impact on Core Industry Documents/System Operator-Transmission Owner Code

No impact

i) Impact on Other Configurable Items

Document	Impact of Proposed/Alternative Modification
Logica Interface Definition and Design (IDD) Part 1	Changes to these documents may be required to reflect the BMRA's receipt and publication of new data items under P219.
Logica Interface Definition and Design (IDD) Part 2	
BMRA Design Specification	
BMRA Manual System Specification	
BMRA Operating Services Manual	
BMRA System Specification	
BMRA User Requirements Specifications (URS)	

j) Impact on BSCCo Memorandum and Articles of Association

No impact

k) Impact on Governance and Regulatory Framework

No impact