

## **INITIAL ASSESSMENT OF MODIFICATION PROPOSAL P043**

### **Provision of Annualised Advance and Estimated Annual Consumption Data**

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Version	Date	Reviewer	Signature	Responsibility
1.0	18 October 2001	Panel		Approved

### Distribution

Name	Organisation
BSC Panel	
BSC Parties	
BSC Agents	
The Authority	
National Electricity Consumers Council	
Core Industry Document Owners	
BSC Website	

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## **1 SUMMARY**

Modification Proposal P043 was submitted on 1 October 2001 by Western Power Distribution (S West). The Modification Proposal seeks to modify the BSC and relevant Code Subsidiary Documents and other Configurable Items so that Non-Half Hourly Data Collectors (NHHDCs) send Metering System Annualised Advance (AA) and Estimated Annual Consumption (EAC) data to both the relevant Supplier and the relevant Public Distribution System Operator (PDSO).

The Modification Proposal raises the issues as to whether the proposed change better achieves the Applicable BSC Objectives, whether the BSC needs to be changed so as to require AA and EAC data to PDSOs and whether such data should be sent by NHHDCs.

It is recommended that the Modification Proposal is progressed through the Assessment Procedure (as defined in the BSC, section F.2.6) and the Assessment Report be submitted to the Panel Meeting on 13 December 2001.

## 2 INTRODUCTION

This Report has been prepared by ELEXON Ltd. on behalf of the Balancing and Settlement Code Panel ('the Panel'), in accordance with the terms of the Balancing and Settlement Code ('BSC'). The BSC is the legal document containing the rules of the balancing mechanism and imbalance settlement process and related governance provisions. ELEXON is the company that performs the role and functions of the BSCCo, as defined in the BSC.

An electronic copy of this document can be found on the BSC website, at [www.elexon.co.uk](http://www.elexon.co.uk)

### 3 PURPOSE AND SCOPE OF THE REPORT

Section F of the BSC sets out the procedures for progressing proposals to amend the BSC (known as 'Modification Proposals'). These include procedures for proposing, consulting on, developing, evaluating and reporting to the Authority on potential modifications.

The BSC Panel is charged with supervising and implementing the modification procedures. ELEXON provides the secretariat and other advice, support and resource required by the Panel for this purpose. In addition, if a modification to the Code is approved or directed by the Authority, ELEXON is responsible for overseeing the implementation of that amendment (including any consequential changes to systems, procedures and documentation).

When a new proposal to modify the BSC is made, it is the responsibility of the Panel to determine how it should be progressed. Options include submitting the proposal to a Definition Procedure<sup>1</sup>, submitting it to an Assessment Procedure<sup>2</sup>, amalgamating the proposal with another proposal<sup>3</sup>, or proceeding directly to the Report Phase<sup>4</sup>. With a view to assisting the Panel in taking this decision, ELEXON prepares this initial written assessment of the implications of the Modification Proposal as soon as reasonably practicable after the proposal is made<sup>5</sup>. ELEXON endeavours to complete this initial assessment such that it can be reviewed by the Panel at the Panel meeting at which the relevant Modification Proposal is first to be considered.

This initial assessment provides a preliminary view on the following:

- the potential impact of the proposed modification on BSC Systems and processes;
- the potential impact of the proposed modification on other systems and processes used by Parties;
- the potential impact of the proposed modification on the BSC, Code Subsidiary Documents and Core Industry Documents;
- the potential impact of the proposed modification on ELEXON;
- the potential impact of the proposed modification on BSC financial arrangements & budget;
- the potential impact of the proposed modification on BSC Agent contractual arrangements;
- The process and timetable that should be adopted for the progression of the Modification Proposal, in light of its complexity, importance and urgency; and
- Issues that will need to be considered and addressed in progressing the Modification Proposal (including the potential need for impact assessments, consultation and analyses).

It should be noted that, as this document only represents a preliminary assessment of the Modification Proposal, the information contained herein will, in most cases, be superseded by the subsequent analysis and reports produced by the Modification Group to which the Panel assigns the proposal for consideration.

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<sup>1</sup> see BSC F2.5

<sup>2</sup> see BSC F2.6

<sup>3</sup> see BSC F2.3

<sup>4</sup> see BSC F2.7

<sup>5</sup> see BSC F2.1.8

## 4 DETAILS OF THE MODIFICATION PROPOSAL

The Modification Proposal was raised in order to update the BSC to require the Non Half Hourly Data Collector (NHHDC) to send AA and EAC data to the relevant Supplier and the relevant Public Distribution System Operator (PDSO).

Section S, paragraph 2.3.2 (i), and Annex S-2, paragraph 4.3 1 (i), of the BSC require the NHHDC to provide Metered Data and Metering System reports to the relevant Supplier and the relevant Distribution System Operator. However, the BSC is unclear as to which specific reports are to be sent to the PDSO.

BSCP504 'Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS', PSL120 'Non Half Hourly Data Collection', the SVA Data Catalogue and the MRA Data Transfer Catalogue refer to the NHHDC sending AA and EAC data to the Non-Half Hourly Data Collector (NHHDA) and the relevant Supplier. The relevant PDSO is not a recipient of this data flow.

The Modification Proposal states that following separation of the Supply and Distribution Businesses, the PDSO no longer has access to AA and EAC data. The PDSO requires an accurate forecast of consumption to enable it to calculate loading on its network and to forecast demand. The Modification Proposal suggests amending the BSC so as to require the NHHDC to send AA and EAC data additionally to the PDSO and the Supplier. This would also require modifications to BSCP504, PSL120, the SVA Data Catalogue and the MRA Data Transfer Catalogue to require the NHHDC to send AA and EAC data to the PDSO as well as to the relevant NHHDA and the relevant Supplier.

A copy of the Modification Proposal form, as submitted by its Proposer, can be found at Annex 1 to this report.

## 5 IMPACT ON BSC SYSTEMS AND PROCESSES

BSC System / Process	Potential Impact of Proposed Modification
Registration	No impact identified
Contract Notification	No impact identified
Credit Checking	No impact identified
Balancing Mechanism Activities	No impact identified
Collection and Aggregation of Metered Data	No impact identified
Supplier Volume Allocation	Suppliers' NHHDCs will be required to additionally provide AA and EAC data to the relevant Supplier and relevant PDSO.
Settlement	No impact identified
Clearing, Invoicing and Payment	No impact identified
Reporting	No impact identified
Contingencies	No impact identified
Dispute Resolution	No impact identified



## 6 IMPACT ON OTHER SYSTEMS AND PROCESSES USED BY PARTIES

System / Process	Potential Impact of Proposed Modification
SO and Party Systems	The Modification Proposal will impact PDSOs and Suppliers' NHHDCs.

## 7 IMPACT ON DOCUMENTATION

### 7.1 Impact on Balancing and Settlement Code

BSC Section	Potential Impact of Proposed Modification
A: Parties and Participation	No impact identified
B: The Panel	No impact identified
C: BSCCo and its Subsidiaries	No impact identified
D: BSC Cost Recovery and Participation Charges	No impact identified
E: BSC Agents	No impact identified
F: Modification Procedures	No impact identified
G: Contingencies	No impact identified
H: General	No impact identified
I: Not Used	No impact identified
J: Party Agents	No impact identified
K: Classification and Registration of Metering Systems and BM Units	No impact identified
L: Metering	No impact identified
M: Credit Cover and Credit Default	No impact identified
N: Clearing, Invoicing and Payment	No impact identified
O: Communications	No impact identified

## Initial Assessment of Modification Proposal P043

<b>BSC Section</b>	<b>Potential Impact of Proposed Modification</b>
P: Energy Contract Volumes and Metered Volume Reallocations	No impact identified
Q: Balancing Mechanism Activities	No impact identified
R: Collection and Aggregation of Metered Data from CVA Metering Systems	No impact identified
S: Supplier Volume Allocation	Updates to Section S, paragraph 2.3 and Annex S-2 paragraph 4.3 to require the NHHDA to additionally send AA and EAC data to the relevant Supplier and the relevant PDSO.
S: ANNEX S-1 Performance Levels and Supplier Charges	No impact identified
S: ANNEX S-2 Supplier Volume Allocation Rules	Updates to Section S, paragraph 2.3 and Annex S-2 paragraph 4.3 to require the NHHDA to additionally send AA and EAC data to the relevant Supplier and the relevant PDSO.
T: Settlement and Trading Charges	No impact identified
U: Provisions Relating to Settlement	No impact identified
V: Reporting	No impact identified
W: Trading Queries and Trading Disputes	No impact identified
X: Definitions and Interpretation	No impact identified
X: ANNEX X-1 General Glossary	No impact identified
X: ANNEX X-2 Technical Glossary	No impact identified

## 7.2 Impact on Code Subsidiary Documents

Code Subsidiary Document	Potential Impact of Proposed Modification
BSC Procedures	BSCP 504 will need to be updated to indicate that the NHHDC should additionally send AA and EAC data to the relevant PDSO as well as to the relevant Supplier and Non Half Hourly Data Aggregator.
Codes of Practice	No impact identified
BSC Service Descriptions	No impact identified
Party Service Lines	PSL120 will need to be updated to indicate that the NHHDC should send AA and EAC data to the relevant PDSO as well as to the relevant Supplier and Non Half Hourly Data Aggregator..
Data Catalogues	The SVA Data Catalogue will need to be updated to indicate that the NHHDC should additionally send AA and EAC data to the relevant PDSO as well as to the relevant Supplier and NHHDA.
Communication Requirements Documents	No impact identified
Reporting Catalogue	No impact identified

### 7.3 Impact on Core Industry Documents

Core Industry Document	Potential Impact of Proposed Modification
Grid Code	No impact identified
MCUSA	No impact identified
Supplemental Agreements	No impact identified
Ancillary Services Agreements	No impact identified
Master Registration Agreement	The MRA Data Transfer Catalogue will need to be updated to indicate that the NHHDC should additionally send AA and EAC data to the relevant PDSO as well as to the relevant Supplier and NHHDA.
Data Transfer Services Agreement	No impact identified
British Grid Systems Agreement	No impact identified
Use of Interconnector Agreement	No impact identified
Pooling and Settlement Agreement	No impact identified
Settlement Agreement for Scotland	No impact identified
Distribution Codes	No impact identified
Distribution Use of System Agreements	No impact identified
Distribution Connection Agreements	No impact identified

**8      IMPACT ON OTHER CONFIGURABLE ITEMS**

Item	Potential Impact of Proposed Modification
	No impact identified

## 9 IMPACT ON ELEXON

Area of Business	Potential Impact of Proposed Modification
ELEXON Systems	No impact identified.
ELEXON Procedures	No impact identified.
ELEXON Contracts (Excluding BSC Agent Contracts)	No impact identified.
Other (e.g. costs, staffing, etc.)	No impact identified.

## **10     IMPACT ON FINANCIAL ARRANGEMENTS AND BUDGET**

The financial impact of this Modification Proposal has not been identified at this stage.



## 11 IMPACT BSC AGENT CONTRACTUAL ARRANGEMENTS

BSC Agent Contract	Potential Impact of Proposed Modification
Logica Consortium (BMRA, CRA, CDCA, SAA, ECVAA, TAA(CVA))	No impact identified
EPFAL (FAA)	No impact identified
ESIS (TAA(SVA))	No impact identified
Cap Gemini (SVAA)	No impact identified
PwC (BSC Auditor, Certification Agent)	No impact identified
EASL (Teleswitch Agent, Profile Administrator)	No impact identified

## 12 PROCESS AND TIMETABLE FOR PROGRESSING THE PROPOSAL

ELEXON recommends that this Modification Proposal is progressed through the Assessment Procedure. The Assessment Procedure is recommended recognising the potential impact of changes which may potentially be required to:

- SVA Data Catalogue; and
- Party systems and process.

It is proposed that the Assessment Report will be provided to the Panel meeting on 13 December 2001.

### 12.1 Outline Timetable

The recommendation to provide the Assessment Report to the 13<sup>th</sup> December meeting of the BSC Panel is based on the following outline timetable. (This timetable has been prepared for planning purposes only. Meeting dates and other details are subject to confirmation by the Modification Group members).

25th October	Modification Group meets to discuss content of consultation and assessment.
31st October	ELEXON send draft consultation paper and requirements specification to Modification Group members for comment.
5th November	ELEXON issue consultation paper and requirements specification for consultation and assessment.
19th November	Deadline for consultation and assessment responses.
21st November	Modification Group meets to discuss responses, and content of Assessment Report.
28th November	ELEXON send draft Assessment Report to Modification Group members for comment.
4th December	Final draft of Assessment Report finalised.
7th December	Assessment Report issued to Panel.

### 12.2 Impact Assessment Costs

Progressing the Modification Proposal will require at least two meeting of the Modification Group and the commissioning of impact assessments from the Parties and the MRASCo. It is believed to be of medium complexity and a budget of £40K should be established to enable progress of the Modification Proposal through the impact assessment stage.

### 12.3 Modification Group Terms of Reference

It is proposed that the Modification Group's terms of reference, include:

- i) the examination of the Modification Proposal;
- ii) consultation on the proposal and alternatives, if any; and
- iii) the impacts on existing processes and systems.

## 13 ISSUES

The Modification Proposal raises the following issues:

- The Modification Proposal states that following separation PDSOs no longer have access to AA and EAC data. Prior to separation, PDSOs may have had access to this data via a common data base but the data would not have been supplied to PDSOs by NHHDCs via the relevant data flow defined in BSCP504, PSL120 and the SVA Data Catalogue. In addition, if there had been more than one NHHDC following the introduction of Agent competition in April 2000, the PDSO would not have access to the AA and EAC data from other NHHDCs.
- The Modification Proposal claims that the change will enable PDSOs to undertake network planning in an efficient manner. However, it does not refer to the modification better achieving one of more of the Applicable BSC Objectives and it is not clear that the provision of data to the PDSO would do so.
- If the provision of meter AA and EAC data to the PDSO does better achieve one of more of the Applicable BSC Objectives, does the BSC need to be changed to require the provision of Metering System AA and EAC data explicitly to the relevant Supplier and the relevant PDSO.
- If AA and EAC data is to be sent to the PDSO, should it be sent by the Supplier rather than the NHHDC, even though this introduces an additional loop that may be superfluous.

The Modification Group's terms of reference should include a requirement to assess these issues.

**ANNEX 1 – MODIFICATION PROPOSAL – P043****MP Form (F76/01)**

<b>Modification Proposal – F76/01</b>	<b>MP No: 43</b> <i>(mandatory by BSCCo)</i>
<b>Title of Modification Proposal</b> <i>(mandatory by originator):</i> Provision of Annualised Advance (AA) and Estimated Annual Consumption (EAC) Data	
<b>Submission Date</b> <i>(mandatory by originator):</i> <b>01/10/2001</b>	
<b>Date Logged</b> <i>(mandatory by BSCCo):</i> <b>01/10/2001</b>	
<b>Description of Proposed Modification</b> <i>(mandatory by originator)</i>  This Modification Proposal seeks to update the BSC to clarify that AA and EAC data should be sent by the Non Half Hourly Data Collector (NHHDC) to both the relevant Supplier and the relevant Public Distribution System Operator (PDSO).	
<b>Description of Issue or Defect that Modification Proposal Seeks to Address</b> <i>(mandatory by originator)</i>  Following separation of Supply and Distribution Businesses, the PDSO no longer has access to AA and EAC data. The PDSO requires an accurate forecast of consumption to enable it to calculate loading on its network and the AA and EAC has been used to determine the forecast demand.  Section S, 2.3 and Section S2, 4.3. of the BSC place an obligation on NHHDCs to send “validated metered data and SVA Metering System Reports” to the relevant Supplier and PDSO but is not specific as to which reports these are. AA and EAC data is only described as being sent to the Non Half Hourly Data Aggregator (NHHDA) in Section S of the BSC although in BSCP504 “Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS” and PSL120 “Non Half Hourly Data Collection”, it is also described as being sent to the Supplier. The Supplier Volume Allocation (SVA) Data Catalogue also defines the WAC and AA data as being sent to the NHHDA and Supplier. Without access to the AA and EAC data the PDSO has to rely on historic consumption figures and perform its own calculations to obtain the forecast load. This is wasteful of resources when another party already holds the AA and the EAC data.	

<p align="center"><b>Modification Proposal – F76/01</b></p>	<p><b>MP No: 43</b> (mandatory by BSCCo)</p>
<p><b>Impact on Code</b> <i>(optional by Originator)</i> Updates to Section S part 2.3 and Section S2 part 4.3 to indicate that, in addition to being sent to the NHHDA, AA and EAC data should be sent to the relevant Supplier and PDSO.</p>	
<p><b>Impact on Core Industry Documents</b> <i>(optional by Originator)</i></p>	
<p><b>Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties</b> <i>(optional by originator)</i> This Modification Proposal will impact PDSOs, Supplier's MHHDCs and will also require changes to the MRA Data Transfer Catalogue.</p>	
<p><b>Impact on other Configurable Items</b> <i>(optional by originator)</i> Updates to BSCP504, PSL120 and the SVA Data Catalogue to indicate that, in addition to being sent to NHHDA's and relevant Suppliers, EAC and AA data should be sent to the relevant PDSO. This will require a change to D0019 "Metering System EAC/AA Data" dataflow, which is the flow used to send the AA and EAC data, to add an instance of the flow from NHHDC to Distributor</p>	

<b>Modification Proposal – F76/01</b>	<b>MP No: 43</b> (mandatory by BSCCo)
<b>Justification for Proposed Modification with Reference to Applicable BSC Objectives</b> (mandatory by originator) This Modification Proposal will enable the PDSOs to undertake it's network planning function in an efficient manner. This Modification Proposal will also ensure that there is consistency between the BSC and the associated Code Subsidiary Documents.	
<b>Details of Proposer:</b>  <i>Name...Graham Smith.....</i>  <i>Organisation...Western Power Distribution (S West).....</i>  <i>Telephone Number....01752 502208.....</i>  <i>Email Address...grsmith@westernpower.co.uk.....</i>	
<b>Details of Proposer's Representative:</b>  <i>Name...Graham Smith.....</i>  <i>Organisation... Western Power Distribution (S West).....</i>  <i>Telephone Number....01752 502208.....</i>  <i>Email Address...grsmith@westernpower.co.uk.....</i>	
<b>Details of Representative's Alternate:</b>  <i>Name...Dave Shattock.....</i>  <i>Organisation..... Western Power Distritbution (S West).....</i>  <i>Telephone Number.....01752 502056.....</i>  <i>Email address.....dshattock@westernpower.co.uk.....</i>	

<b>Modification Proposal – F76/01</b>	<b>MP No: 43</b> <i>(mandatory by BSCCo)</i>
<b>Attachments: No</b> <i>(delete as appropriate) (mandatory by originator)</i>	
<b>If Yes, Title and No. of Pages of Each Attachment:</b>	

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