

August 2001

DEFINITION REPORT
MODIFICATION PROPOSAL P30 –
Availability Of Market Information
To B.S.C. Parties And Non-B.S.C
Parties

Prepared by the Trading Development
Modification Group on behalf of the Balancing and
Settlement Code Panel

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I DOCUMENT CONTROL

a Authorities

Version	Date	Author	Signature	Change Reference
0.1	08/08/01	Trading Development		First Draft
0.2	10/08/01	Trading Development		Following Review

Version	Date	Reviewer	Signature	Responsibility
0.2	14/08/01	Modification Group		Review Agreement
1.0	17/08/01	Justin Andrews		Modification Group

b Distribution

Name	Organisation
Modifications Group	
BSC Panel	

c Intellectual Property Rights and Copyright

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1 SUMMARY AND RECOMMENDATIONS

See the associated document 'P30_Summary' for the summary, clarifications and recommendation.

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

3 PURPOSE AND SCOPE OF THE REPORT

BSC Section F 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).

The Panel may decide to submit a Modification Proposal to the 'Definition Procedure'¹. In such cases, the Panel commissions a Modification Group to define the issues raised by a Modification Proposal in sufficient detail to enable the Panel to determine whether to:

- a) Refer the proposal back to the Modification Group for further analysis; or
- b) Submit the proposal to the Assessment Procedure²; or
- c) Proceed directly to the Report Phase³.

The Modification Group is therefore tasked with reviewing the Modification Proposal with a view to providing clarification and definition where there is insufficient detail in the proposal to allow the Panel to decide whether to proceed with a detailed evaluation. The Modification Group must prepare a written report for the Panel that sets out the following matters⁴:

- a) An assessment of the issues raised by the Modification Proposal with supporting information and data to explain the effect of such issues by reference to the Applicable BSC Objective(s)⁵ and a summary of such assessment;
- b) An analysis of and the views and rationale of the Modification Group as to whether (and, if so, to what extent) the issues raised by the Modification Proposal warrant further assessment and evaluation under the Assessment Procedure;
- c) A detailed summary of the representations made by Parties and interested third parties during any consultation undertaken by the Modification Group and the comments and views of the Modification Group in respect thereof;
- d) A summary of any analysis prepared by the Transmission Company and the comments and views of the Modification Group in respect thereof;
- e) A summary of the analysis prepared by relevant BSC Agents and the comments and views of the Modification Group in respect thereof;
- f) Where applicable, a copy of the terms of reference and a summary of any report or analysis of external consultants or advisers; and
- g) Such other matters as the Panel may require in the terms of reference of the relevant Modification Group.

This Definition Report therefore addresses all of the above items to the extent relevant to the Modification Proposal in question.

¹ See BSC F2.5

² See BSC F2.6

³ See BSC F2.7

⁴ See BSC F2.5.4

⁵ As defined in the Transmission Licence

4 MODIFICATION GROUP DETAILS

No.	Member	Organisation
1.	Steve Lloyd	Utiylx (proposer's representative)
2.	Chris McGlen	UK Coal
3.	Jan Devito	St Clements Services (SVG Panel Sponsor)
4.	Bob Brown	Yorkshire Electricity
5.	Rob Cullender	British Gas Trading
6.	Paul Jones	Powergen
7.	Neil Magill	Scottish Power
8.	Andrew Neves	East Midlands Electricity – Distribution System Operator.
9.	Phillip Russell	TXU Energy Trading
10.	Richard Harrison	Npower Ltd
11.	Peter Davies	ELEXON – Chairman of meeting

4.1 Terms of Reference

The Definition Report was asked to define the following for industry data to be released into the public domain:

- Investigate BSC vires to undertake this work;
- Identify the data required by Proposer;
- Identify the source(s) of data;
- Identify current availability of data;
- Identify owner of data;
- Identify Individual Property Rights and copyright owners;
- Investigate availability and cost of centrally published data;
- Define proposed changes to BSC.
- Define each element of data requested and for whom;
- Define current method of disseminating each element of data;
- Define proposed arrangements for disseminating each element of data.

5 ISSUES RAISED BY THE PROPOSED MODIFICATION

The following issues have been raised by P30.

- Line Loss Factor data can be provided without raising a Modification.
- Investigation is required into allowing non-Parties access to centrally provided market data.
- The actual Line Loss Factor data that the Modification references is not held and distributed as part of Market Domain Data (MDD). It is suggested that other methods of distributing Line Loss Factors be investigated, for example the ELEXON website. However, this would not need a BSC Modification and could be raised as an internal ELEXON Change Proposal;
- The provision of a BM Unit Aggregation Report (CDCA-I042) is available to all acceded parties. Any companies interested in this information could register themselves. This process may be more manageable than allowing unrestricted access to any interested company; and
- ELEXON may have to take an active role in the preparation and distribution of data.

The Applicable BSC Objectives (as defined in the Transmission Licence) are:

- (a) 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.

The provision of greater amounts of information would facilitate effective competition by making the market more transparent.

5.1 Data Analysis

The following table defines required data items and establishes where they are currently stored, how and when they are disseminated and who owns the data:

Data Item	Data Owner	Current Method of Transmission	Data Store	Proposed method of transmission.
MDD Data	Excluding Profiling Regression Data this information is owned by BSC Co.	MDD Data is currently sent to all Stage 2 participants. This is either done when the data changes or on an ad hoc basis. This data is transferred in two separate methods. Either the entire data set is transmitted, or changed data is transmitted.	MDD	There are several possible mechanisms for transmission of information. These include utilising the Data Transfer Service, CD Rom, website etc.
Profile Co-efficient	BSCCo	Profile co-efficient information is currently distributed via file D0018.	MDD	This data would have to be compiled into a monthly format and distributed. To companies that are not currently on the DTS this might be in CD Rom format.
Line Loss Factor	This is owned by individual Distribution Businesses.	Currently, this information is not distributed to the industry. Interested parties must approach each Distribution Business and request it from them.	ELEXON receives and stores Line Loss Factor information from Distribution Businesses for approval.	It is proposed that the Line Loss Factor information be placed on the website.
BM Unit Aggregation Report	BSCCo	This is sent on an ad-hoc basis to any Acceded Party that requests it	CDCA	This would have to be received centrally and compiled into a new monthly report. Whether this information could be provided over the low-grade service requires investigation.

The above data is described in The Balancing and Settlement Code. As such it is covered by the Intellectual Property Rights of BSCCo, but note the exclusion of Profiling Regression data. Section V will need to be amended to enable the wider distribution of the BM Unit Aggregation Report.

The impact on costs will be considered in the Assessment Report.

6 THE NEED FOR FURTHER ASSESSMENT AND EVALUATION

The following areas have been identified as requiring further analysis and will be covered in the Assessment Report:

- The number of requests for and the manner of distribution of BM Unit Aggregation Report (CDCA-I042) needs to be considered. An alternative may be that interested companies could become registered Parties and therefore request the data;
- Currently, profile co-efficient data is available to suppliers and is sent from the SVAA system in file D0018. This file is transmitted on a daily basis. This process would have to be amended slightly so that a monthly set of data could be sent to requesting companies;
- The BM Unit Aggregation Report would have to be adapted to show monthly values rather than daily;
- Whether Line Loss Factor information could be distributed via ELEXON's website;
- Whether profile co-efficient information would still be covered by Intellectual Property Rights;
- Whether Meter Timeswitch Codes are still covered by Intellectual Property Rights;
- Whether the provision of the BM Unit Aggregation Report to non-BSC parties will affect Logica's contract;
- The method of converting data from one specified format to another (i.e. from daily to monthly) needs to be considered;
- The means of distributing specified data needs to be considered and fully defined; and
- The costs of aggregating and distributing this information needs to be discovered and weighed against potential benefits.

7 REPRESENTATIONS BY PARTIES AND INTERESTED THIRD PARTIES

7.1 Clarification with Proposer

Representatives from ELEXON, Utiyix, UK Coal and Electricity Association Services Limited attended a meeting on 2nd August 2001 to clarify the exact requirements of the Modification Proposal and to discuss what data was required and available.

Utiyix explained that they were developing software to model customer consumption. The algorithm they were using to calculate this required Profiling Regression data. Currently, this is available to Suppliers and Data Collectors who have signed the Confidentiality Undertaking with EASL. EASL owns the Intellectual Property Rights to this data and control access to it.

Discussions revealed that the provision of profile co-efficient information would enable Utiyix to convert meter advances into half hourly readings. It was agreed that due to issues with Intellectual Property Rights regression data could not be provided to parties who had not signed the Confidentiality Undertaking. However, an alternative was proposed to provide daily profile co-efficients in monthly batches. This would not require a Modification and would suit Utiyix's requirements.

The profile co-efficient information is currently transmitted from SVAA/ISRA to suppliers in file D0018.

There was also the belief that other MDD data would be useful to market participants. This data can be requested from Cap Gemini. This does not require a Modification.

There was a great deal of support for Line Loss Factors to be made available in summary form, via the ELEXON website, and refreshed on a yearly basis or when the data information changed. This would not require a Modification.

UK Coal explained that "Genset Metered Generation" report was a BM Unit Aggregation Report (CDCA-I042). This information is available to all Parties via flexible reporting requirements. However, UK Coal are not an Acceded party and require this information. This requirement has two possible solutions:

1. Let non-Acceded parties have access to this information. This would require a Modification.
2. UK Coal (and other companies in their position) become Parties. This would not require a Modification.

7.2 Summary of Representations

Seven responses were received from external companies. Of these four were in favour of Line Loss Factor information being made public, with one company not in favour.

One company was in favour of "Genset Metered Data" being made available to all BSC and Non-BSC parties, with one company being against it.

Many of the comments provided by companies reflected a belief that the data had not been adequately defined. These concerns have been addressed through the production of a Definition report.

ANNEX 1 – MODIFICATION PROPOSAL P30

Modification Proposal	MP No: P30 <i>(mandatory by BSCCo)</i>
Title of Modification Proposal <i>(mandatory by proposer):</i> Availability Of Market Information To B.S.C. Parties And Non-B.S.C. Parties	
Submission Date <i>(mandatory by proposer):</i> 12th July 2001	
Description of Proposed Modification <i>(mandatory by proposer):</i> It is proposed that Market Domain Data (MDD) and information on Genset metered generation be fully available, subject to reasonable commercial safeguards, to BSC parties and non-BSC parties in accordance with their requirements.	
Description of Issue or Defect that Modification Proposal Seeks to Address <i>(mandatory by proposer):</i> <p>In the half-hourly market, line loss factors are an essential component in the conversion of an Energy Price on the Grid into a delivered price at a customers premises. At present energy buyers and agents on their behalf are required to obtain line loss factors (part of the DMDD) from distribution businesses individually; the process is extraordinarily wasteful and time consuming.</p> <p>In the non half-hourly market, energy prices are based on the predicted consumption based on load profiles, which vary geographically and between different types of customers. Information on load profiles, also part of the MDD, is therefore essential for suppliers and buyers in accurately comparing market price quotations.</p> <p>In both these circumstances, the full availability of MDD is crucial to the promotion of effective competition in the energy market. In addition release of this data to buyers should improve the efficiency of the system and lead to a better understanding of demand patterns amongst buyers.</p> <p>In a different area of the market, information on Genset Meters Generation is important for upstream and downstream market players in providing additional market transparency and improved planning.</p>	
Impact on Code <i>(optional by proposer):</i> Section B3.3 would need amendment, including 3.3.3(a), which appears to exclude the release of data on the grounds of aggregator transparency. In addition Section V of the code (in particular Table 7 which relates to data provided by the SVAA) and the Section on BSC Systems and Processes to BSCP509 which sets out the process by which SVA data is provided by the SVAA would need to be amended.	
Impact on Core Industry Documents <i>(optional by proposer):</i>	
Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties <i>(optional by proposer):</i>	

Modification Proposal	MP No: P30 <i>(mandatory by BSCCo)</i>
Impact on other Configurable Items <i>(optional by proposer):</i>	
<p>Justification for Proposed Modification with Reference to Applicable BSC Objectives <i>(mandatory by proposer):</i></p> <p>The proposal promotes more effective competition in the generation and supply of electricity specifically B1.s.1b(iii) of the code. In addition the Panel's objectives under B1.2.1 of the Code which state that the Panel should conduct its business under the Code with a view to achieving (amongst other things):</p> <p>B1.2.1(c) that the Code is given effect without undue discrimination between Parties or classes of Party;</p> <p>(d) that, subject to the express provisions of the Code (including provisions as to confidentiality and including paragraph B1.2.2 which relates to prejudicing the interests of all Parties or classes of Parties collectively) and to any other duties of confidence, that there is transparency and openness in the conduct of the business of the Panel.</p>	
<p>Details of Proposer:</p> <p style="padding-left: 40px;">Name: Chris Bowden</p> <p style="padding-left: 40px;">Organisation: Utilyx</p> <p>Telephone Number: 020 7462 4304</p> <p style="padding-left: 40px;">Email Address: chrisbowden@utilyx.com</p>	
<p>Details of Proposer's Representative:</p> <p style="padding-left: 40px;">Name: Philip Rand</p> <p style="padding-left: 40px;">Organisation: Utilyx</p> <p>Telephone Number: 020 7462 4300</p> <p style="padding-left: 40px;">Email Address: philiprand@utilyx.com</p>	
<p>Details of Representative's Alternate:</p> <p style="padding-left: 40px;">Name:</p> <p style="padding-left: 40px;">Organisation:</p> <p>Telephone Number:</p> <p style="padding-left: 40px;">Email Address:</p>	
<p>Attachments: NO</p> <p>If Yes, Title and No. of Pages of Each Attachment:</p>	

ANNEX 2 – REPRESENTATIONS RECEIVED ON P30

Please see separate document entitled Responses from P30 Definition Report Consultation