



National Grid

A REPORT TO THE AUTHORITY

Pursuant to Paragraph 2 of Condition 7 of the Transmission Licence.

Proposed Grid Code Modification.

Proposals to clarify the Grid Code associated with "Beyond the Wall", One hour Gate Closure and the use of Dynamic Data

**The purpose of this document is to assist the Authority in its
decision of whether to implement the proposed
Grid Code Modification**

Consultation Paper Ref	C/02
Issue	1
Date of Issue	5 th August 2002
Prepared by	National Grid

DISTRIBUTION

Name	Organisation
Authority	Ofgem
Grid Code Review Panel Members	Various
National Grid Industry Information Website	

1. Paragraph 2 of Condition 7 of the Transmission Licence granted to the National Grid Company plc ("National Grid") provides that National Grid shall, in consultation with authorised electricity operators liable to be materially affected thereby, periodically review the Grid Code and its implementation. That paragraph also requires National Grid, following such review, to send to the Authority:-
 - (a) a report on the outcome of such review;
 - (b) any proposed revisions to the Grid Code as National Grid (having regard to the outcome of such review) reasonably thinks fit for the achievement of the objectives set out in sub-paragraph (b) of Condition 7 of the Transmission Licence; and
 - (c) any written representations or objections from authorised electricity operators (including any proposals by such operators for revisions to the Grid Code not accepted by National Grid in the course of the review) arising during the consultation process and subsequently maintained.
2. National Grid has just completed a review of the Grid Code. This review is concerned with some proposals for changes to clarify the Grid Code in association with solutions to issues about "Beyond the Wall", One hour Gate Closure and to clarify the use of Dynamic Data. Attached as Appendix A are the proposed revisions to the current Grid Code BC1 and BC2 (shown in typed form with the deletions crossed through and additions double underlined).
3. National Grid, in accordance with its obligations under its Transmission Licence, consulted those authorised electricity operators listed in Appendix B by circulating to them Consultation Paper C/02, which was issued on 18th June 2002 and which contained the proposed amendments to the Grid Code. A copy of Consultation Paper C/02 is attached to this Report as Appendix C. National Grid also placed a copy of the Consultation Paper on its website to ensure its wide availability.
4. Comments were invited from all such authorised electricity operators by 12th July 2002. National Grid has received responses from 6 authorised electricity operators which were generally supportive of the proposals, although some helpful comments were made about some of the proposed wording. As a result, some amendments have been made to the proposals indicated in Appendix A by a vertical line in the right hand margin.
5. The proposed revisions to the Grid Code are, as indicated above, set out in Appendix A to this Report. By way of summary, the proposed changes are described below :-

Background

- 5.1 Following a number of industry consultations to address the issue of Bid-Offer Acceptances with an instantaneous return to the previous Physical Notification at the end of the Balancing Mechanism period (the "Beyond the Wall" issue), version 2 of the Balancing Principles Statement (BPS) was formally issued on 1st May 2002. It is now thought appropriate to make a few changes to clarify the Grid Code in some related areas of the Balancing Codes.
- 5.2 BSC modification proposal P12, to reduce the Balancing Mechanism period from 3½ hours to 1 hour, was implemented on 2nd July 2002. A new type of balancing service (Pre Gate BMU Transactions (PGBTs)) has been developed to aid the implementation of 1 hour Gate Closure, consistent with the changes to the BPS issued in May. One small change is needed in BC2 to clarify the circumstances under which BM Units can be Synchronised or De-Synchronised.
- 5.3 Dynamic Parameters are provided to National Grid in accordance with provisions in BC1 (Pre Gate Closure Process) and BC2 (Post Gate Closure Process). However, with the shortening of the Gate Closure time referenced above, this distinction becomes less appropriate. Hence it is proposed that changes are made to BC1 and BC2 to confirm that submissions made under BC1 are applicable to the day ahead, while those submitted under BC2 are applicable to the current Operational Day.

Proposed Changes

5.4 Balancing Code No 1 (BC1)

A sentence has been added to BC1.4.2(d) to indicate that Bid-Offer Data will be utilised by National Grid in relation to the next Operational Day, including in its assessment of the need for PGBTs.

A change is proposed to BC1.4.2(e) to make it clear that Dynamic Parameters submitted under BC2 will be used in the current Operational Day.

5.5 Balancing Code No 2 (BC2)

A change is proposed to BC2.5.2.3 to indicate that Synchronisation or De-Synchronisation of BM Units is permissible other than as indicated to National Grid in the normal event if an instruction has been issued by National Grid requiring a variation in output (or input) of the BM Unit. A PGBT may require such Synchronisation or De-Synchronisation, and this clarification will ensure that operation in accordance with the Grid Code occurs in the unlikely event of a BM Participant being unable to notify National Grid of a change to its Physical Notifications (following the issue of a PGBT) if a failure of the communications links occurs.

Changes to BC2.5.3.1 have been proposed to clarify the usage of Dynamic Parameters under BC2. BC2.7.2(b) has been modified to

explain how National Grid will deal with Bid-Offer Acceptances which extend to the "wall".

6. As indicated above, having regard to the outcome of the review described in this Report, National Grid proposes the revisions to the Grid Code set out in Appendix A, which revisions we reasonably think fit for the achievement of the objectives referred to in sub-paragraph (b) of paragraph 1 of Condition 7 of the Transmission Licence. In view of this, National Grid would be grateful if the Authority would approve the revisions pursuant to paragraph 3 of Condition 7 of the Transmission Licence.
7. Given the logistic exercise of organising replacement pages to reflect the changes required by your letter of approval, I would be grateful if you would contact me prior to issuing any letter specifying an effective date, in order to seek to ensure that the date is consistent with any other Code changes which may then be approved or be close to being approved.

SIGNED BY

A handwritten signature in cursive script that reads "Geoff Charter".

For and on behalf of The National Grid Company plc
5 August 2002

APPENDIX A

a) Extracts from Balancing Code No 1

BC1.4.2 (d) **Bid-Offer Data**

. . . . each of its **BM Units**, submit to **NGC** for any **Settlement Period** of the next following **Operational Day** the data listed in **BC1** Appendix 1 under the heading of "**Bid-Offer Data**" to amend the data already held by **NGC** in relation to **Bid-Offer Data**, which would otherwise apply to those **Settlement Periods**. The submitted **Bid-Offer Data** will be utilised by **NGC** in the preparation and analysis of its operational plans for the next following **Operational Day**. **Bid-Offer Data** may not be submitted

(e) **Dynamic Parameters (Day Ahead)**

Each **BM Participant** may, in respect of each of its **BM Units**, submit to **NGC** for the next following **Operational Day** the data listed in **BC1** Appendix 1 under the heading of "**Dynamic Parameters**" to amend that data already held by **NGC**.

These **Dynamic Parameters** shall reasonably reflect the expected true operating characteristics of the **BM Unit** and shall be prepared in accordance with **Good Industry Practice**. In any case where non-zero **QPN** data has been provided in accordance with BC1.4.2(b), the **Dynamic Parameters** will apply to the element being offered for control only, i.e. to the component of the **Physical Notification** between the **QPN** and the full level of the **Physical Notification**.

The **Dynamic Parameters** applicable to the next following **Operational Day** will be utilised by **NGC** in the preparation and analysis of its operational plans for the next following **Operational Day** and may be used to instruct certain **Ancillary Services**. For the avoidance of doubt, the **Dynamic Parameters** to be used in ~~**Balancing Mechanism**~~ timescales the current **Operational Day** will be those submitted in accordance with BC2.5.3.1.

b) Extracts from Balancing Code No 2

BC2.5.2.3 **BM Participants** must only **Synchronise** or **De-Synchronise** **BM Units**:

(a) at the times indicated to **NGC**, or

(b) at times consistent with variations in output or input arising from provisions described in BC2.5.1,

(within a tolerance of +/- 5 minutes) or unless that occurs automatically as a result of intertrip schemes or **Low**

Frequency Relay operations or an **Ancillary Service** pursuant to an **Ancillary Services Agreement**. For a **BM Unit** in relation to which the intertrip has been instructed to be switched into service under BC2.10 in order to protect the **NGC Transmission System**, if it is **De-Synchronised** due to an operation of the intertrip that is not due to a fault at the **BM Unit** then a **Bid-Offer Acceptance** will be treated as having been issued. This will reflect the operation of the intertrip in order to form the **Bid-Offer Acceptance** data to be given to the **BMRA** under the **BSC**.

.....

BC2.5.3.1 At any time, any **BM Participant** (or the relevant person on its behalf) may, in respect of any of its **BM Units**, submit to **NGC** the data listed in **BC1**, Appendix 1 under the heading of **Dynamic Parameters** from the **Control Point** of its **BM Unit** to amend the data already held by **NGC** (including that previously submitted under this BC2.5.3.1) for use in preparing for and operating the **Balancing Mechanism**. The change will take effect from the time that it is received by **NGC**. For the avoidance of doubt, the **Dynamic Parameters** submitted to **NGC** under BC1.4.2(e) are not used ~~in connection with operating the **Balancing Mechanism** within the current **Operational Day**~~. The **Dynamic Parameters** submitted under this BC2.5.3.1 shall reasonably reflect the true current operating characteristics of the **BM Unit** and shall be prepared in accordance with **Good Industry Practice**.

.....

BC2.7.2 Consistency with **Export and Import Limits, QPNs and Dynamic Parameters**

- (a) **Bid-Offer Acceptances** will be consistent with the **Export and Import Limits, QPNs, and Joint BM Unit Data** provided or modified under **BC1** or **BC2** and the **Dynamic Parameters** provided or modified under **BC2**. **Bid-Offer Acceptances** may also recognise **Other Relevant Data** provided or modified under **BC1** or **BC2**
- (b) In the case of consistency with **Dynamic Parameters** this will be limited to the time until the end of the **Settlement Period** for which **Gate Closure** has most recently occurred. If **NGC** intends to issue a **Bid-Offer Acceptance** covering a period after the end of the **Settlement Period** for which **Gate Closure** has most recently occurred, based upon the then submitted **Dynamic Parameters, QPNs, Export and Import Limits, Bid-Offer Data and Joint BM Unit Data** applicable to that period, **NGC** will indicate this to the **BM Participant** at the **Control Point** for the **BM Unit**. The intention will then be reflected in the issue of a **Bid-Offer Acceptance** to return the **BM Unit** to its previously notified **Physical Notification** after

the relevant **Gate Closure** provided the submitted data used to formulate this intention has not changed and subject to **System** conditions which may affect that intention. Subject to that, Assumptions regarding **Bid-Offer Acceptances** may be made by **BM Participants** for **Settlement Periods** for which **Gate Closure** has not yet occurred when assessing consistency with **Dynamic Parameters** in **Settlement Periods** for which **Gate Closure** has occurred. ~~For the avoidance of doubt, this does not imply that any such **Bid-Offer Acceptances** will be issued for a **Settlement Period** for which **Gate Closure** has not yet occurred. For example a **BM Unit** with a Notice to Deviate from Zero (NDZ) and Minimum Non Zero Time (MNZT) which sum to greater than the length of the **Balancing Mechanism** period can only be issued with a **Bid-Offer Acceptance** to the end of the **Balancing Mechanism** window, which would be earlier than the expiry of the MNZT. In this case no such subsequent **Bid-Offer Acceptance** is issued, the original **Bid-Offer Acceptance** will include an instantaneous return to **Physical Notification** at the end of the **Balancing Mechanism** period.~~

APPENDIX B

AEO Distribution List for Consultation Paper C/02

24 Seven	ABB Equity Development Co Ltd
Accord Energy Limited	AEP Energy Services UK Generation Ltd
AES (for Partington Ltd)	AES Barry Limited
AES Drax Power Ltd	AES Fifoots Point Ltd
AES Indian Queens Power	AES NEW ENERGY LTD (UK)
Alcan Aluminium UK Ltd	Allied Domecq (Holdings) PLC
Allied Steel & Wire	AMERADA
Angelsey Aluminium	Aquila Energy Supplies Ltd
Atlantic Electric & Gas Ltd	Atmel
Atmel North Tyneside Limited	Baglan Generating Ltd + Baglan Operations Ltd
Barking Power	BIZZENERGY LIMITED
BNFL + Magnox Electric Ltd	BOC Limited
BP Chemicals Ltd	British Energy Generation Ltd
British Gas Generation Ltd (Centrica KL + Centrica PB)	British Gas Plc
British Gas Trading Ltd (3th Floor North)	BritNed Development Ltd
Burlington Resources (Irish Sea) Ltd	Canatxx Energy Ventures Ltd
Celtpower Ltd	Cinergy Global Power (UK) Ltd
Commercial Electricity Supplies Ltd	Conoco Global Power Developments UK Limited
Corby Power Ltd	Corus UK Ltd
Coryton Energy Co Ltd	Cottam Development Centre
Cottam Power Ltd	Damhead Creek Ltd
Derwent Co-Generation Limited	Dynergy UK Ltd
East Midlands Electricity	Economy Power Ltd
ECOTRICITY	Edison First Power Ltd
Electrabel S.A.	Electricite de France
Electricity Direct (UK) Ltd	Emerald Power Generation Ltd
Energy Power Resources Limited	Enfield Energy Centre Ltd
Enron Direct Ltd + Enron Gas & Petrochemical Trading	Enron Teesside Operations Ltd
Entergy-Koch Trading Ltd	Fellside Heat & Power Ltd
Fibrogen Ltd + Fibropower Ltd + Fibrothetford Ltd	First Hydro Company
First Hydro Company	Fleetwood Power Ltd
Fortum Direct Ltd	GPU Power Networks (UK) Ltd
Great Yarmouth Power Limited	Greenwich Energy Trading Ltd
Grovehurst Energy Ltd	Heartlands Power Ltd
Humber Power Ltd	ICI Chemicals & Polymers Ltd
Immingham CHP Ltd	INEOS Chlor Energy Ltd
Innogy + Innogy (Cogen Trading) Ltd + npower	Jade Power Generation Ltd
Keadby Development Ltd	Keadby Gen Ltd + HE Cogen Ltd + HE Energy Ltd
Killingholme Power Ltd	Lakeland Power Ltd
London Electricity plc	London Electricity Services Ltd
London Power Networks	London Underground Ltd
Manweb Services (Imperial Park)	Maverick Energy Ltd
Medway Power Ltd	Midlands Gas Ltd + OwnLabel Energy Ltd + Severn Trent Energy Ltd
Morgan Stanley Capital Group Inc	Northern Electric Distribution Ltd
Northern Electric Supply Ltd	Norweb Energi Ltd
Pentex Oil and Gas Ltd	PowerGen UK plc + PowerGen CHP Ltd
Railtrack plc	Rassau Power Ltd
Regional Power Generators Limited	Renewable Energy Co
Rocksavage Power Company Ltd	Rugeley Power Ltd
Saltend Cogeneration Co Ltd	Savage Land Ltd
Scottish & Southern (North Tynemouth)	Scottish & Southern Energy
Scottish and Southern Energy plc	Scottish Power Generation Ltd
Scottish Power plc	Scottish Power Energy Retail Ltd
Seabank Power Ltd	SEEBOARD Energy Ltd
SEEBOARD Power Networks	Sempra Energy Europe Ltd
Sheffield Heat and Power Ltd	Shell Gas Direct Limited
Slough Energy Supplies Ltd	SMARTESTENERGY LTD
South Coast Power Ltd	Southern Electric Power Distribution plc
SP MANWEB plc	Spalding Energy Company Ltd
SSE Energy Ltd	Statnett SF
Sutton Bridge Power Ltd	Teesside Power Ltd
Thameside Energy Park Ltd	TotalFinaElf Gas and Power Ltd
TXU Europe	TXU Europe Merchant Generation + Shotton CHP Ltd + Citigen (London) Ltd
UK Electric Power Ltd	UKAEA
Unit Energy Limited	United Utilities
Utility Link Ltd	Wainstones Power Ltd
Western Gas Ltd	Western Power Distribution
Williams Energy Marketing & Trading Europe Ltd	Yorkshire Electricity Group plc (distribution)
Yorkshire Electricity plc (supply)	Zest4 Ltd

**APPENDIX C
CONSULTATION PAPER C/02**



National Grid

**GRID CODE
CONSULTATION DOCUMENT**

**Proposals to clarify the Grid Code associated with
"Beyond the Wall", One hour Gate Closure and the
use of Dynamic Data**

**The purpose of this document is to consult on the above Grid Code
Modification Proposal with authorised electricity operators liable to be
materially affected by the proposed changes**

Consultation Ref	C/02
Issue	1.0
Date of Issue	18 th June 2002
Prepared by	National Grid

DOCUMENT LOCATION

National Grid website:

http://www.nationalgridinfo.co.uk/grid_code/mn_consultation_papers.html

DISTRIBUTION

Name	Organisation
AEO's	Various
GCRP Members/Alternates	Various
Interested Parties	Various
National Grid Industry Information Website	

A. Introduction

1. The National Grid Company plc ("National Grid"), in accordance with its obligations under paragraph 2 of Condition 7 of the Transmission Licence, believes that the time has come to review, in consultation with authorised electricity operators liable to be materially affected thereby, the Grid Code and its implementation in certain respects.
2. This review is concerned with some proposals for changes to clarify the Grid Code in association with solutions to issues about "Beyond the Wall", One hour Gate Closure and to clarify the use of Dynamic Data. It should be noted that some of the proposed changes are complementary to a Balancing And Settlement Code (BSC) change to shorten the period of operation of the Balancing Mechanism to one hour.
3. Following receipt of comments from those authorised electricity operators which it has consulted by this Paper, National Grid intends, in accordance with paragraph 2 of Condition 7 of the Transmission Licence, to send to the Authority :-
 - (a) a report on the outcome of its review, including this consultation process;
 - (b) the proposed revisions to the Grid Code which National Grid (having regard to the outcome of such review) reasonably thinks fit for the achievement of the objectives of the Grid Code referred to in subparagraph (b) of paragraph 1 of Condition 7 of the Transmission Licence; and
 - (c) any written representations or objections from authorised electricity operators (including any proposals by such operators for revisions to the Grid Code not accepted by National Grid in the course of the review) arising during the consultation process and subsequently maintained.
4. The revisions to the Grid Code proposed by National Grid and sent to the Authority then require approval by that body and will, if approved, come into force on such date (or dates) of which you will be notified by National Grid, in accordance with the Authority's approval.

B. DESCRIPTION OF THE PROPOSED AMENDMENTS AND THEIR EFFECTS

5. Background

- 5.1 Following a number of industry consultations to address the issue of Bid-Offer Acceptances with an instantaneous return to the previous Physical Notification at the end of the Balancing Mechanism period (the "Beyond the Wall" issue), version 2 of the Balancing Principles Statement (BPS) was formally issued on 1st May 2002. It is now thought appropriate to make a few changes to clarify the Grid Code in some related areas of the Balancing Codes.

- 5.2 BSC modification proposal P12, to reduce the Balancing Mechanism period from 3½ hours to 1 hour, is to be implemented on 2nd July 2002. A new type of balancing service (Pre Gate BMU Transactions (PGBTs)) has been developed to aid the implementation of 1 hour Gate Closure, consistent with the changes to the BPS issued in May. One small change is needed in BC2 to clarify the circumstances under which BM Units can be Synchronised or De-Synchronised.
- 5.3 Dynamic Parameters are provided to National Grid in accordance with provisions in BC1 (Pre Gate Closure Process) and BC2 (Post Gate Closure Process). However, with the shortening of the Gate Closure time referenced above, this distinction becomes less appropriate. Hence it is proposed that changes are made to BC1 and BC2 to confirm that submissions made under BC1 are applicable to the day ahead, while those submitted under BC2 are applicable to the current Operational Day.

6. Proposed Changes

6.1 Balancing Code No 1 (BC1)

A sentence has been added to BC1.4.2(d) to indicate that Bid-Offer Data will be utilised by National Grid in relation to the next Operational Day, including in its assessment of the need for PGBTs.

A change is proposed to BC1.4.2(e) to make it clear that Dynamic Parameters submitted under BC2 will be used in the current Operational Day.

6.2 Balancing Code No 2 (BC2)

A change is proposed to BC2.5.2.3 to indicate that Synchronisation or De-Synchronisation of BM Units is permissible other than as indicated to National Grid in the normal event if an instruction has been issued by National Grid requiring a variation in output (or input) of the BM Unit. A PGBT may require such Synchronisation or De-Synchronisation, and this clarification will ensure that operation in accordance with the Grid Code occurs in the unlikely event of a BM Participant being unable to notify National Grid of a change to its Physical Notifications (following the issue of a PGBT) if a failure of the communications links occurs.

These circumstances may (although it is unlikely) arise before the Grid Code changes proposed in this Consultation Paper are approved and implemented. Consequently, National Grid intends to apply to the Authority for a derogation from implementing BC2.5.2.3 as currently written, but instead to implement this paragraph as if a BM Unit may Synchronise or De-Synchronise other than at times indicated to National Grid if it has received an instruction from National Grid under BC2.5.1(b). Any such derogation will be for a limited period until these Grid Code changes are made, and any BM Participant which feels that it may be possibly operating in such a manner and thus be outside the requirements of BC.2.5.2.3 is recommended to apply to the Authority for a derogation from compliance with BC2.5.2.3 as written. National

Grid will provide to any User on request suggested draft text for an appropriate derogation.

Changes to BC2.5.3.1 have been proposed to clarify the usage of Dynamic Parameters under BC2. BC2.7.2(b) has been modified to explain how National Grid will deal with Bid-Offer Acceptances which extend to the "wall".

6.3 The changes

The proposed Grid Code changes are shown in Appendix 1 with proposed changes marked against the current Grid Code, additions being double-underlined and deletions struck-through.

C. COMMENTS

8. National Grid would be grateful to receive your comments on, or any suggestions you may have in relation to, these proposed amendments to the Grid Code. Comments would be welcomed and should be sent to National Grid by **12th July 2002**. The comments will be reviewed and responded to and National Grid will then prepare its report to the Authority.
9. Your formal responses may be:-

Posted to: Mr Geoff Charter
 Commercial Codes
 Network Strategy
 The National Grid Company plc
 National Grid House
 Kirby Corner Road
 Coventry
 CV4 8JY

Faxed to: 024 7642 3298 Emailed to: geoff.charter@uk.ngrid.com

Appendix 1

a) Extracts from Balancing Code No 1

BC1.4.2 (d) Bid-Offer Data

... each of its **BM Units**, submit to **NGC** for any **Settlement Period** of the next **Operational Day** the data listed in **BC1 Appendix 1** under the heading of "**Bid-Offer Data**" to amend the data already held by **NGC** in relation to **Bid-Offer Data**, which would otherwise apply to those **Settlement Periods**. The submitted **Bid-Offer Data** will be utilised by **NGC** in the preparation and analysis of its operational plans for the next following **Operational Day**. **Bid-Offer Data** may not be submitted

(e) Dynamic Parameters (Day Ahead)

Each **BM Participant** may, in respect of each of its **BM Units**, submit to **NGC** for the next following **Operational Day** the data listed in **BC1 Appendix 1** under the heading of "**Dynamic Parameters**" to amend that data already held by **NGC**.

These **Dynamic Parameters** shall reasonably reflect the expected true operating characteristics of the **BM Unit** and shall be prepared in accordance with **Good Industry Practice**. In any case where non-zero **QPN** data has been provided in accordance with BC1.4.2(b), the **Dynamic Parameters** will apply to the element being offered for control only, i.e. to the component of the **Physical Notification** between the **QPN** and the full level of the **Physical Notification**.

The **Dynamic Parameters** applicable to the next following **Operational Day** will be utilised by **NGC** in the preparation and analysis of its operational plans for the next following **Operational Day** and may be used to instruct certain **Ancillary Services**. For the avoidance of doubt, the **Dynamic Parameters** to be used in ~~**Balancing Mechanism**~~ timescales the current **Operational Day** will be those submitted in accordance with BC2.5.3.1.

b) Extracts from Balancing Code No 2

BC2.5.2.3 **BM Participants** must only **Synchronise** or **De-Synchronise** **BM Units**:

(a) at the times indicated to **NGC**, or

(b) at times consistent with variations in output or input arising from provisions described in BC2.5.1,

(within a tolerance of +/- 5 minutes) or unless that occurs automatically as a result of intertrip schemes or **Low Frequency Relay** operations or an **Ancillary Service**

pursuant to an **Ancillary Services Agreement**. For a **BM Unit** in relation to which the intertrip has been instructed to be switched into service under BC2.10 in order to protect the **NGC Transmission System**, if it is **De-Synchronised** due to an operation of the intertrip that is not due to a fault at the **BM Unit** then a **Bid-Offer Acceptance** will be treated as having been issued. This will reflect the operation of the intertrip in order to form the **Bid-Offer Acceptance** data to be given to the **BMRA** under the **BSC**.

.....

BC2.5.3.1 At any time, any **BM Participant** (or the relevant person on its behalf) may, in respect of any of its **BM Units**, submit to **NGC** the data listed in **BC1**, Appendix 1 under the heading of **Dynamic Parameters** from the **Control Point** of its **BM Unit** to amend the data already held by **NGC** (including that previously submitted under this BC2.5.3.1) for use in operating the **Balancing Mechanism** and in the preparation for such operation. The change will take effect from the time that it is received by **NGC**. For the avoidance of doubt, the **Dynamic Parameters** submitted to **NGC** under BC1.4.2(e) are not used ~~in connection with operating the **Balancing Mechanism** within the current **Operational Day**~~. The **Dynamic Parameters** submitted under this BC2.5.3.1 shall reasonably reflect the true current operating characteristics of the **BM Unit** and shall be prepared in accordance with **Good Industry Practice**.

.....

BC2.7.2 Consistency with **Export and Import Limits, QPNs and Dynamic Parameters**

- (a) **Bid-Offer Acceptances** will be consistent with the **Export and Import Limits, QPNs, and Joint BM Unit Data** provided or modified under **BC1** or **BC2** and the **Dynamic Parameters** provided or modified under **BC2**. **Bid-Offer Acceptances** may also recognise **Other Relevant Data** provided or modified under **BC1** or **BC2**
- (b) In the case of consistency with **Dynamic Parameters** this will be limited to the time until the end of the **Settlement Period** for which **Gate Closure** has most recently occurred. If **NGC** intends to issue a **Bid-Offer Acceptance** covering a period after the end of the **Settlement Period** for which **Gate Closure** has most recently occurred, based upon the then submitted **Dynamic Parameters, QPNs, Export and Import Limits, Bid-Offer Data and Joint BM Unit Data** applicable to that period, **NGC** will indicate this to the **BM Participant**. The intention will then be reflected in the issue of a **Bid-Offer Acceptance** after the relevant **Gate Closure** provided the submitted data used to formulate this intention has not changed and subject to **System** conditions which may affect

~~that intention. Subject to that. Assumptions regarding Bid- Offer Acceptances may be made by BM Participants for Settlement Periods for which Gate Closure has not yet occurred when assessing consistency with Dynamic Parameters in Settlement Periods for which Gate Closure has occurred. For the avoidance of doubt, this does not imply that any such Bid- Offer Acceptances will be issued for a Settlement Period for which Gate Closure has not yet occurred. For example a BM Unit with a Notice to Deviate from Zero (NDZ) and Minimum Non Zero Time (MNZT) which sum to greater than the length of the Balancing Mechanism period can only be issued with a Bid- Offer Acceptance to the end of the Balancing Mechanism window, which would be earlier than the expiry of the MNZT. In this case if no such subsequent Bid- Offer Acceptance is issued, the original Bid- Offer Acceptance will include an instantaneous return to Physical Notification at the end of the Balancing Mechanism period.~~