

SECTION V: REPORTING

1. GENERAL

1.1 Introduction

1.1.1 This Section V sets out:

- (a) details of the Balancing Mechanism Reporting Service; and
- (b) other requirements for reporting of information by BSC Agents to Parties, the Authority and/or for public reporting.

1.1.2 Each of the Authority and BSCCo shall be entitled without payment:

- (a) to have the BMRS (High Grade Service) made available to them (with such number of communication links as they may require);
- (b) to receive, on request (including by way of standing request), a copy of any other report provided under this Section V (and the relevant BSC Agent shall provide such reports to the Authority and BSCCo in the same timescales as the report is provided to Parties or relevant Parties).

1.1.3 No failure (in whole or in part) to make data available on the BMRS or to provide any report to any Party under this Section V, nor any error, inaccuracy or incompleteness of any such data or report, shall affect or alter in any way the rights and obligations of the Parties in relation to Settlement (including any entitlement to receive or liability to pay amounts in respect of Trading Charges).

1.1.4 Each Party acknowledges and agrees that:

- (a) the rights and obligations of Parties (in Settlement and otherwise) under the Code shall not be affected or prejudiced in any way by, and
- (b) (subject to paragraph 1.1.5) no Party shall have any claim or entitlement against any BSC Agent, any Market Index Data Provider, BSCCo, the Transmission Company or any other Party as a result of,

the availability or non-availability (in whole or in part) of any data on the BMRS or on the BSC Website or otherwise as contemplated to be available under this Section V, or any error or inaccuracy in such data; and no warranty or representation is given (whether expressly or impliedly) by any person as to the accuracy or completeness of any such data.

1.1.5 The provisions of paragraphs 1.1.4(b) and Section I14.4.1(b) are without prejudice to:

- (a) the obligations of the Transmission Company to send specified data to the BMRS and BSCCo pursuant to Section Q6 or Section I14;
- (b) the obligations of each Market Index Data Provider to send specified data to the BMRS and BSCCo under the relevant Market Index Data Provider Contract;
- (c) the obligations of:
 - (i) the BMRA under the relevant BSC Agent Contract for the provision of the BMRS as required by paragraph 2;

- (ii) other BSC Agents under the relevant BSC Agent Contracts for the provision of reports as required by paragraph 3.

1.2 Interpretation

1.2.1 In the provisions of this Section V which specify the timing and frequency of reporting:

- "SP" means Settlement Period and where the context admits refers to each Settlement Period;
- "D" means day or Settlement Day and where the context admits refers to each day or Settlement Day;
- "W" means week (beginning Monday).

1.2.2 In this Section V:

- (a) references to data include information;
- (b) references to Tables are to the Tables set out in Annex V-1.

1.3 Consent to disclosure

1.3.1 Each Party irrevocably and unconditionally consents to the publication of data to the extent that such data is to be published:

- (a) on the BMRS pursuant to paragraph 2; or
- (b) by BSCCo pursuant to paragraph 4, where paragraph 4 provides for such data to be published,

and where data is or may be published pursuant to this Section V, such data shall not be regarded as Confidential Information for the purposes of Section H4.2.

1.3.2 Without prejudice to anything contained in Section H4.2.2 or H4.2.3 in relation to the disclosure by a Restricted Party of such data, each Party irrevocably and unconditionally consents to the disclosure to and use by Parties or other persons of data to be provided or made available to such Parties or other persons pursuant to paragraph 3 or paragraph 4.

1.4 Reporting Catalogue

1.4.1 For the purposes of the Code the Reporting Catalogue is the document of that title which sets out the data items to be contained in each of the reports mentioned in Annex V-1.

1.4.2 The Reporting Catalogue shall be a Code Subsidiary Document.

2. BMRS

2.1 General

2.1.1 This paragraph 2 sets out details of the BMRS to be provided by the BMRA.

2.1.2 The BMRS is a service for reporting to Parties and others and publishing:

- (a) data relating to the Transmission System (and established pursuant to the Grid Code) or relating to the arrangements provided for or referred to in Section Q, provided by (or converted from data provided by) the Transmission Company;
- (b) data (derived in whole or part from the data referred to in paragraph (a)) established by the BMRS pursuant to paragraph 2.6;
- (c) certain other data as provided or referred to in paragraph 2.7 or elsewhere in the Code.

2.1.3 In this paragraph 2:

- (a) "**BMRS data**" means data to be made available on the BMRS pursuant to this paragraph 2;
- (b) the "**BMRS Specification**" is the technical specification of the BMRS contained in the Communication Requirements Document for the BMRA pursuant to Section O.

2.1.4 The provision of data to the BMRA and the reporting of data on the BMRS are separate arrangements from any arrangements for the submission of data for the purposes of Section Q and/or for the purposes of Settlement, and (without prejudice to the provisions of Section M3.5) nothing contained in this paragraph 2 may give rise to any Trading Dispute.

2.2 Specification of BMRS

2.2.1 The BMRA shall operate and make available the BMRS in accordance with this paragraph 2, Table 1 and Table 1A in Annex V-1, and the BMRS Specification.

2.2.2 Table 1 sets out:

- (a) the data referred to in paragraph 2.1.2(a) and (b) which is to be available on the BMRS and the periods to which such data relate;
- (b) the frequency with which such data is to be available on the BMRS;
- (c) the format (in accordance with paragraph 2.4) in which such data is to be available on the BMRS;
- (d) the basis for establishing default values (if any) for the purposes of paragraph 2.2.3.

2.2.2A Table 1A sets out:

- (a) the data referred to in paragraphs 2.7.1(b) and 2.7.1(c) which is to be available on the BMRS and the periods to which such data relate;
- (b) the frequency with which such data is to be available on the BMRS;

- (c) the format (in accordance with paragraph 2.4) in which such data is to be available on the BMRS.

2.2.3 For certain kinds of data set out in Table 1, where data (for a particular period) is not provided to the BMRA for inclusion on the BMRS by the time required under Section Q, default values for such data shall be included on the BMRS as and where so provided in Table 1.

2.2.4 Unless otherwise specified in this paragraph 2, Table 1 or Table 1A, all BMRS data will remain available on the BMRS (except that errors in such data may be corrected) until no earlier than the expiry of a period of 12 months after:

- (a) the Settlement Day to which such data relates, or
- (b) in the case of forecast data, the day on which such data was provided.

2.3 Grades of service

2.3.1 The BMRA shall make available the BMRS as follows:

- (a) a High Grade Service, for which:
 - (i) a Party (other than BSCCo) is required to pay the relevant Specified BSC Charges in accordance with Section D,
 - (ii) any other person (other than the Authority) shall be required to make payments as provided in paragraph 2.3.4(a)

shall be made available to any Party and (subject to paragraph 2.3.4) any other person, on request; and
 - (b) a Low Grade Service shall be made available, without charge, to any person;
- in each case, as further specified in the BMRS Specification.

2.3.2 The High Grade Service and Low Grade Service will be made available by the respective means specified in the BMRS Specification.

2.3.3 BMRS data will be available on the BMRS as follows:

- (a) data provided by the Transmission Company pursuant to Section Q (and listed in Table 1) will be available within 5 minutes after the BMRA received such data from the Transmission Company;
- (b) data relating to a Settlement Period and established by the BMRA in accordance with paragraph 2.6 will be available within 45 minutes after the end of the relevant Settlement Period; and
- (c) data provided by the BSCCo pursuant to Section Q (and listed in Table 1A) will be available within 1 Business Day after the BMRA received such data from the BSCCo.

2.3.4 The High Grade Service of the BMRS will be made available upon request to a person (other than the Authority) which is not a Party:

- (a) subject to the payment by such person of

- (i) a one-off administration charge of such amount as the Panel shall from time to time determine (and until the Panel has so determined, of £250);
 - (ii) charges equivalent to (and in amounts the same as those for the time being determined by the Panel for) the BSC Specified Charges in paragraphs 3.1(d) and (e), 3.3 and 3.4 (as applicable) of Annex D-3; and
- (b) provided that such person has entered into and remains party to an agreement with BSCCo, in such form as BSCCo with the approval of the Panel may from time to time determine, providing for the payment of the amounts in paragraph (a) and such other matters as BSCCo may determine in relation to the availability of such service, the provision of any associated hardware and software and the use of such hardware and software by such person.

2.4 Data formats

2.4.1 Subject to paragraph 2.4.2, BMRS data will be made available:

- (a) in all cases, in "**tabular**" format, that is in the form of a table of data as specified in the BMRS Specification; and
- (b) in addition, in certain cases (as specified in this paragraph 2, Table 1 or Table 1A), in "**graphic**" format, that is in graphic, pictorial or other form as specified in the BMRS Specification.

2.4.2 In certain cases as specified in Table 1, Table 1A and in the case of data referred to in paragraph 2.7.1, BMRS data will be available as a text message only.

2.5 Supporting obligations of BMRA – receipt of data

2.5.1 The BMRA shall:

- (a) receive data from:
 - (i) the Transmission Company, at such times and with such frequency as provided in Section Q, as provided below in this paragraph 2.5;
 - (ii) each Market Index Data Provider, at such times and with such frequency as provided in Section T1.6;
 - (iii) the CRA and BSCCo as provided below in this paragraph 2.5;
- (b) report to the person providing such data any failure to provide the data or to provide it in the form required under the Code;
- (c) store all such data received by the BMRA for a period of at least 12 months commencing on the Settlement Day or earliest Settlement Day to which such data relates or (in relation to forecast data) the day on which such data was provided; and
- (d) store "**Large Combustion Plant Data**" (LCP Data) received by the BMRA for a period of at least seven years commencing on the day on which such data was provided.

2.5.2 The data to be received by the BMRA is as follows:

- (a) from the Transmission Company (pursuant to Section Q) the data items specified in Section Q6 as being provided to the BMRA;
- (b) from each Market Index Data Provider (as provided in Section T) the data items specified in Section T1.6 as being provided to the BMRA;
- (c) from the CRA (pursuant to Section K) BM Unit registration data;
- (d) from BSCCo the data items listed below:
 - (i) ETLMO⁺ following determination by and then as and when revised by the Panel pursuant to paragraph 2.6.3;
 - (ii) ETLMO⁻ following determination by and then as and when revised by the Panel pursuant to paragraph 2.6.3; and
 - (iii) LCP Data as specified in Section Q9.

2.5.3 On receipt of any Balancing Services Adjustment Data from the Transmission Company, the BMRA shall check such data to verify that:

- (a) where the Sell Price Volume Adjustment (Energy) is a number other than zero, the Buy Price Volume Adjustment (Energy) is zero, and vice versa; and
- (b) where the Sell Price Volume Adjustment (System) is a number other than zero, the Buy Price Volume Adjustment (System) is zero, and vice versa,

and shall inform the Transmission Company promptly if this is not the case.

2.5.4 On receipt of LCP Data from the BSCCo, the BMRA shall calculate within 1 Business Day:

- (a) the remaining operational hours for each "**Large Combustion Plant**" (LCP) "**Opted Out Plant**";
- (b) the total "**Emission Allowances**" for "**Opted In Plant under NERP**" transferred over the preceding month;
- (c) the total Emission Allowances for "**Opted In Plant under ELV**" transferred over the preceding month;
- (d) the total Emission Allowances for Opted In Plant under NERP transferred since 1 January for that given calendar year; and
- (e) the total Emission Allowances for Opted In Plant under ELV transferred since 1 January for that given calendar year,

and publish the cumulative totals in Table 1A on the BMRS.

2.6 Indicative data

2.6.1 For the purposes of this paragraph 2:

- (a) 'Indicative' in relation to any term defined in the Code (and 'I' as a prefix to the acronym for any such term) means determined on an estimated basis for the purposes of enabling indicative values of such term to be reported on the BMRS before all of the necessary data to calculate such term is available;

- (b) Indicative terms are determined by reference:
- (i) to the estimates $ETLMO^+$ and $ETLMO^-$ (rather than values of $TLMO^+$ and $TLMO^-$), and/or
 - (ii) to the Indicative Balancing Services Adjustment Data (rather than values of Balancing Services Adjustment Data); and/or
 - (iii) to values of any other Indicative such term.

2.6.2 Indicative terms shall be estimates only and are established for the purposes of the BMRS only, and shall not replace and shall be without prejudice to the determination and application of the relevant term (on a definitive and not Indicative basis) for the purposes of Settlement and all other purposes of the Code.

2.6.3 For the purposes of the Code:

- (a) $ETLMO^+$ and $ETLMO^-$ are such estimated values as the Panel shall from time to time determine to be used as assumed values of Transmission Loss Multipliers for the purposes of this paragraph 2.6;
- (b) Indicative Balancing Services Adjustment Data are the data submitted by the Transmission Company to the BMRA pursuant to Section Q6.3.1(a) in respect of each Settlement Period in a Settlement Day.

2.6.4 The BMRA shall calculate:

- (a) Indicative Period BM Unit Total Accepted Bid Volume ($IQAB_{ij}^n$);
- (b) Indicative Period BM Unit Total Accepted Offer Volume ($IQAO_{ij}^n$);
- (c) Indicative Period Accepted Bid Volume ($IQAB_{ij}^{kn}$); and
- (d) Indicative Period Accepted Offer Volume ($IQAO_{ij}^{kn}$),

in accordance with the rules in Section T3 save that in each case the terms $IQAB_{ij}^n$, $IQAO_{ij}^n$, $IQAB_{ij}^{kn}$ and $IQAO_{ij}^{kn}$ shall (for the purposes of this paragraph 2.6 only) be substituted for the terms QAB_{ij}^n , QAO_{ij}^n , QAB_{ij}^{kn} and QAO_{ij}^{kn} in Section T.

2.6.5 The BMRA shall calculate:

- (a) the Indicative Net Imbalance Volume ($INIV_j$);
- (b) the Indicative System Buy Price ($ISBP_j$); and
- (c) the Indicative System Sell Price ($ISSP_j$)

in accordance with the rules in Annex T-1 paragraph 14 save that in each case the terms $ETLMO^+$, $ETLMO^-$, the Indicative Balancing Services Adjustment Data and (where applicable) other Indicative terms shall (for the purposes of this paragraph 2.6 only) be substituted for the terms $TLMO^+$, $TLMO^-$, the Balancing Services Adjustment Data and other relevant terms in Section T.

2.6.6 The BMRA shall calculate:

- (a) the Indicative Period BM Unit Bid Cashflow (ICB_{ij}^n), and
- (b) the Indicative Period BM Unit Offer Cashflow (ICO_{ij}^n)

in accordance with the rules in Section T3 save that in each case the terms ETLMO⁺, ETLMO⁻, IQABⁿ_{ij}, IQAOⁿ_{ij}, ICBⁿ_{ij} and ICOⁿ_{ij} shall (for the purposes of this paragraph 2.6 only) be substituted for the terms TLMO⁺, TLMO⁻, QABⁿ_{ij}, QAOⁿ_{ij}, CBⁿ_{ij} and COⁿ_{ij} in Section T.

2.6.7 In the event that the BMRA is unable to calculate INIV, ISBP, ISSP, Indicative Period BM Unit Total Accepted Bid or Offer Volumes or Indicative Period BM Unit Bid and Offer Cashflows in accordance with this paragraph 2.6, it shall:

- (a) where such inability is as a result of the receipt or otherwise of data required from the Transmission Company, contact the Transmission Company to seek to resolve such matter; and
- (b) in any event, report the matter to BSCCo,

provided that, in the case of Market Index Data, where the BMRA has not received Market Index Data in respect of a Settlement Period from a Market Index Data Provider, it shall calculate ISBP and ISSP substituting zero values in place of such missing Market Index Data and, in that event, shall post a warning message to that effect on the BMRS.

2.7 Additional data

2.7.1 In addition to the data specified in Table 1 the following data will be available on the BMRS:

- (a) the data referred to in paragraph 4.3 if the Panel so determine in accordance with paragraph 4.3;
- (b) LCP Data specified in Table 1A; and
- (c) data (derived in whole or in part from the data referred to in paragraph (b)) established by the BMRS pursuant to paragraph 2.5.4.

3. REPORTING BY OTHER BSC AGENTS

3.1 Reporting requirements

- 3.1.1 The SAA shall provide reports in accordance with Table 2 in Annex V-1.
- 3.1.2 The ECVAAs shall provide reports in accordance with Table 3 in Annex V-1.
- 3.1.3 The CRA shall provide reports in accordance with Table 4 in Annex V-1.
- 3.1.4 The CDCA shall provide reports in accordance with Table 5 in Annex V-1.
- 3.1.5 The FAA shall provide reports in accordance with Table 6 in Annex V-1.
- 3.1.6 The SVAA shall provide reports in accordance with Table 7 in Annex V-1.
- 3.1.7 The reporting requirements referred to in paragraphs 3.1.1 to 3.1.6 are without prejudice to any further reporting requirements set out in the Code or any Code Subsidiary Document.

3.1 Reports

- 3.2.1 Each of Tables 2 to 7 in Annex V-1 sets out:

- (a) the name of each report to be provided by the relevant BSC Agent;
- (b) a summary description of the data to be contained in each such report;
- (c) the frequency with which each such report is to be provided;
- (d) the persons and bodies to which each such report is to be provided.

3.2.2 For the purposes of Tables 2 to 7 in Annex V-1:

- (a) "**Relevant Party**" indicates that the data in question is to be provided to the Party or Trading Party or Supplier to which the data relates (and not to other Parties, except for BSCCo);
- (b) "**Any Party (on request)**" indicates that the data in question (irrespective of the Party or Parties to which it relates) is to be provided to any Party which requests receipt of the same pursuant to paragraph 3.2.3;
- (c) "**All Suppliers**" indicates that the data in question is to be provided to all Suppliers in the GSP Group to which the data relates;
- (d) "**Any person (on request)**" indicates that, subject to paragraph 3.2.7, the data in question (irrespective of the Party or Parties to which it relates) is to be provided to any person (whether or not a Party) which requests receipt of the same pursuant to paragraph 3.2.3.

3.2.3 In respect of each of the Tables 2 to 7 in Annex V-1 and in relation to all (but not some) of the data for which the 'Recipient' column in any such Table includes:

- (a) 'Any Party (on request)', each Party shall be entitled to receive all such data if it notifies BSCCo to that effect in accordance with BSCP41;
- (b) 'Any person (on request)', any person shall be entitled, subject to paragraph 3.2.7, to receive all such data if it notifies BSCCo to that effect in accordance with such procedures as BSCCo may establish for such notification.

3.2.4 Tables 2 to 7 provide a general description of the data to be contained in each report; details of the data to be contained in each report are set out in the Reporting Catalogue.

3.2.5 Reports are to be provided:

- (a) to Parties by the means specified in Section 0;
- (b) to persons other than Parties by such means as the Panel may from time to time determine.

3.2.6 Unless otherwise provided in the Code or the Reporting Catalogue, reports at any time provided pursuant to this paragraph 3 contain data relating only to relevant periods for which such data is (at such time) current, as further provided in the Reporting Catalogue.

3.2.7 Where a person who is not a Party requests the provision of data to which it is entitled pursuant to this paragraph 3.2, such data shall not be required to be made available to such person until and unless such person has entered into and remains party to an agreement with BSCCo, in such form as BSCCo with the approval of the Panel may from time to time determine, relating to the provision of such data and providing (inter alia) for the payment or periodic payment by such person to BSCCo of a sum (established and revised from time to time by BSCCo) representing the reasonable costs of providing such data to that person.

3.2.8 Without prejudice to paragraph 3.2.7 each Party irrevocably and unconditionally consents to the publication of the data in Tables 2 to 7, to the extent only that such data:

- (a) is to be published pursuant to this paragraph 3, where paragraph 3 provides for such data to be published, and
- (b) is to be made available to any person on request.

4. REPORTING BY BSCCO

4.1 Parameters

4.1.1 BSCCo shall maintain:

- (a) an up-to-date record:
 - (i) in respect of each type of BM Unit, of the principles and guidance established and revised from time to time by the Panel pursuant to Section M1.5; and
 - (ii) in respect of each BM Unit, of the Credit Assessment Load Factor (CALF_i) determined and revised from time to time by BSCCo or redetermined by the Panel (as the case may be) pursuant to Section M1.5;
- (b) an up-to-date list of the following parameters set out in or established and revised from time to time under and in accordance with the Code:
 - (i) the Credit Assessment Price determined and revised from time to time by the Panel pursuant to Section M1.4;
 - (ii) the Transmission Loss Factors specified in Section T2.2.1(a);
 - (iii) the coefficient 'α' specified in Section T2.2.1(b);
 - (iv) the Line Loss Factors in respect of SVA Metering Systems (or classes of SVA Metering System) approved from time to time by the Panel, or where applicable the default values established in respect thereof, pursuant to Section K1.7 together with a summarised version of such factors (as described in BSCP528).

4.1.2 The record of CALF_i values referred to in paragraph 4.1.1(a)(ii) (as updated from time to time) shall be made available to any Trading Party on request.

4.1.3 The principles and guidance referred to in paragraph 4.1.1(a)(i) and the list of parameters referred to in paragraph 4.1.1(b) (as updated from time to time) shall be published on the BSC Website and made available to any person on request.

4.2 Market data

4.2.1 BSCCo shall arrange for the data referred to in this paragraph 4.2 ("**market data**") to be published or made available in the manner specified in this paragraph 4.2, subject to paragraph 4.3.

4.2.2 Market data comprises the following:

- (a) the CRS registration data as described in paragraph 4.2.3;
 - (b) the Funding Shares of each Trading Party as described in paragraph 4.2.4;
 - (c) the Indicative Balancing Services Adjustment Data and Balancing Services Adjustment Data as described in paragraph 4.2.5;
 - (d) the System Sell Price, System Buy Price and Net Imbalance Volume as described in paragraph 4.2.6;
 - (e) the Credit Default statements as described in paragraph 4.2.7;
 - (f) the Market Index Data as described in paragraph 4.2.8.
- 4.2.3 A list containing the name and identification number (allocated by the CRA pursuant to Section A4) of each Party and the registration data of each BM Unit (as received by BSCCo in the operations registration report pursuant to Table 4 in Annex V-1) shall be published on the BSC Website and revised from time to time as soon as reasonably practicable after BSCCo receives such data from the CRA.
- 4.2.4 A list containing the Funding Shares of each Trading Party, as specified in Section D1.4.1(a) shall be published on the BSC Website and revised from time to time as the Funding Shares are revised in accordance with that Section.
- 4.2.5 Indicative Balancing Services Adjustment Data and Balancing Services Adjustment Data in respect of each Settlement Period for each Settlement Day shall be published (and displayed for a period of 30 days) on the BSC Website in accordance with Section Q6.3.4 as soon as reasonably practicable after BSCCo receives such data from the Transmission Company.
- 4.2.6 The System Sell Price, the System Buy Price and Net Imbalance Volume for each Settlement Period in a Settlement Day shall be published on the BSC Website (and displayed for a period of 30 days), as soon as reasonably practicable after the Initial Settlement Run in respect of such Settlement Day has been carried out and BSCCo has received such data from the SAA.
- 4.2.7 The statements and notices relating to Credit Default which, pursuant to Section M, are to be published on the BSC Website or otherwise made available shall be published by BSCCo either on the BSC Website or by issuing them to Parties and, for these purposes, where a statement or notice is posted on the BSC Website:
- (a) a Level 1 Credit Default statement posted pursuant to Section M3.2.6(b) and a Level 2 Credit Default statement posted pursuant to Section M3.3.3(b) shall remain on the BSC Website until and unless cancelled by the ECVAAs pursuant to the applicable provisions of Section M; and
 - (b) a notice posted, following resolution of a Trading Dispute, pursuant to Section M3.5(a) shall remain on the BSC Website for a period of one month.
- 4.2.8 The Market Index Data from each Market Index Data Provider in respect of each Settlement Period of each Settlement Day shall be published (and displayed for a period of 30 days) as soon as reasonably practicable after BSCCo receives such data from the Market Index Data Provider.
- 4.2.9 Where market data is sent to BSCCo on a day which is not a Business Day, BSCCo shall publish such data on the BSC Website (or otherwise make it available, as provided in this paragraph 4.2) on the next following Business Day.

4.3 Additional provisions

4.3.1 Where the Panel determines that any market data and/or any data referred to in paragraphs 4.1.1(a)(i) and 4.1.1(b) are capable of being displayed on the BMRS, such data shall from the date specified by the Panel (which shall be no earlier than 28 days after such determination) be displayed on the BMRS in accordance with the applicable provisions of the Code and otherwise with the terms established by the Panel, and the provisions of paragraph 4.2 or paragraph 4.1.3 (as the case may be) shall cease to apply to such data (including, for the avoidance of doubt the restriction in paragraph 4.2.8).

4.3.2 BSCCo shall:

- (a) notify each Party and the Authority;
- (b) publish a notice on the BSC Website;
- (c) (in the case of data referred to in paragraph 4.2.6) publish a notice in the Financial Times (or such other newspaper as the Panel may determine);

as soon as reasonably practicable after any determination of the Panel under paragraph 4.3.2, specifying the date from which such data is to cease to be published by BSCCo on the BSC Website and to start to be published on the BMRS.

4.4 Not used

4.5 Line Loss Factors

4.5.1 BSCCo shall arrange for the data set out in Table 10 in Annex V-1 to be published on the BSC Website and revised from time to time as soon as reasonably practicable after such data has been approved by the Panel pursuant to Section K1.7.

5. EMR SETTLEMENT DATA REQUIREMENTS

5.1 Provision of data and information to the EMR Settlement Services Providers

5.1.1 For the purposes of the Code, CFD Settlement Data and CM Settlement Data shall collectively be referred to as "EMR Settlement Data".

5.2 Provision of data and information to a CFD Settlement Services Provider

5.2.1 Subject to paragraph 5.2.4, BSCCo must provide, or procure that a BSC Agent provides, such data, information and reports to any CFD Settlement Services Provider and any CfD Counterparty as any CFD Settlement Services Provider and/or any CfD Counterparty reasonably require in order to discharge their EMR Settlement Functions (the "CFD Settlement Data").

5.2.2 In respect of the CFD Settlement Data, BSCCo shall provide to the Panel:

- (a) a schedule of the CFD Settlement Data reasonably required by a CFD Settlement Services Provider and/or a CfD Counterparty;
- (b) an explanation of why a CFD Settlement Data is reasonably required to enable any CFD Settlement Services Provider and/or any CfD Counterparty to discharge their EMR Settlement Functions; and

(c) a copy of the agreement required by paragraph 5.4.1.

5.2.3 In respect of any CFD Settlement Data that is:

(a) publicly available;

(b) available to any person on request; or

(c) expressly contemplated under any EMR Legal Requirement, then each Party and the Panel shall not (whether by action, omission or withholding of consent) prevent or restrict BSCCo from providing that CFD Settlement Data to any CFD Settlement Services Provider and any CfD Counterparty.

5.2.4 Subject always to paragraph 5.2.3, if the Panel considers that any CFD Settlement Data is not reasonably required to enable a CFD Settlement Services Provider to discharge its EMR Settlement Functions the Panel shall instruct BSCCo to refer the matter to a CfD Counterparty.

5.2.5 Following such referral, a CfD Counterparty may, in its absolute discretion, determine whether that CFD Settlement Data is reasonably required to enable any CFD Settlement Services Provider to discharge its functions and a CfD Counterparty's determination shall be final and binding for the purposes of the Code.

5.2.6 If at any time a CFD Settlement Services Provider or a CfD Counterparty requests further CFD Settlement Data from BSCCo then the provisions of paragraphs 5.2.1, 5.2.2(b), 5.2.3, 5.2.4 and 5.2.5 shall apply in respect of that CFD Settlement Data.

5.2.7 BSCCo shall arrange for a schedule of CFD Settlement Data to be published on the BSC Website from time to time and revised as soon as reasonably practicable after any change is made to the schedule of CFD Settlement Data in accordance with paragraph 5.2.5.

5.3 Provision of data and information to the CM Administrative Parties

5.3.1 BSCCo must provide, or procure that a BSC Agent provides, such data, information and reports to the relevant CM Administrative Parties as it is required to provide under any EMR Legal Requirement (the "CM Settlement Data") in accordance with the requirements contained therein.

5.3.2 BSCCo shall provide to the Panel:

(a) a schedule of the CM Settlement Data to be provided to CM Administrative Parties; and

(b) a copy of the agreement required by paragraph 5.4.1.

and BSCCo shall arrange for the schedule of CM Settlement Data to be published on the BSC Website from time to time.

5.4 General

5.4.1 Where EMR Settlement Data is provided to an EMR Settlement Services Provider pursuant to this paragraph 5, BSCCo shall enter into and remain a party to an agreement with any CFD Settlement Services Provider and any CM Settlement Services Provider (as applicable) in accordance with Section C11 relating to the provision of data provided that any failure to enter into such an agreement must not prevent BSCCo from complying with any EMR Legal Requirement.

ANNEX V-1: TABLES OF REPORTS**TABLE 1 -BMRS****Notes:**

1. Column 1 (data and relevant settlement periods) specifies the data which is to be made available and (where relevant) the half hour(s) or Settlement Period(s) in any day or week to which the data relates. SP refers to the Settlement Period in respect of which data is provided.
2. Column 2 (frequency) specifies the frequency with which data is provided.
3. Column 3 (format) specifies (by reference where relevant to the day D on which data is made available on BMRS) the format in which data is made available.
4. Column 4 (default) specifies whether and, if so, the basis upon which default values will be provided as referred to in paragraph 2.2.3.
5. In all columns, D or W refers to the day on or week in which data is made available on BMRS.
6. Section Q sets out the times by which and the frequency with which the Transmission Company is required to provide data to the BMRA to be posted on the BMRS.
7. Terms not otherwise defined in the Code have the meanings ascribed to them in the Grid Code.

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
2-14 day ahead National Demand forecast (NDFD) – daily peak half hour value	Daily	Tabular	Previous forecast
2-14 day ahead Transmission System Demand forecast (TSDFD) – daily peak half hour value	Daily	Tabular	Previous forecast
2-14 day ahead daily Generating Plant Demand Margin forecast (OCNMFd) – daily peak half hour value	Daily	Tabular	Previous forecast
2-14 day ahead daily Zonal Output Usable for each System Zone – daily peak half hour value	Daily where provided by the Transmission Company to a User	Download only	Previous submission

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
2-14 day ahead daily Total Output Usable and the daily Total Output Usable (plus expected Interconnector transfer capacity into the Transmission System) by Fuel Type Category (to the extent that such data is available to the Transmission Company for each Fuel Type Category)	Daily where provided by the Transmission Company to a User	Tabular and graphic	Previous submission
2-14 day ahead daily Output Usable (plus, in respect of Interconnector BM Units, the expected Interconnector transfer capacity into the Transmission System) by BM Unit (to the extent that such data is available to the Transmission Company for each BM Unit) – daily peak half hour value	Daily where provided by the Transmission Company to a User	Download only	Previous submission
2-49 day ahead daily Zonal Output Usable for each System Zone and daily Total Output Usable – daily peak half hour value	When provided by the Transmission Company to a User	Download only	Previous submission
2-52 week ahead National Demand forecast (NDFW) – weekly peak half hour value	Weekly	Tabular	Previous forecast
2-52 week ahead Transmission System Demand forecast (TSDFW) – weekly peak half hour value	Weekly	Tabular	Previous forecast
2-52 week ahead weekly Generating Plant Demand Margin forecast (OCNMFw) – weekly peak half hour value	Weekly	Tabular	Previous forecast
2-52 week ahead weekly Zonal Output Usable for each System Zone – weekly peak half hour value	Weekly where provided by the Transmission Company to a User	Download only	Previous submission

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
2-52 week ahead weekly Total Output Usable and the weekly Total Output Usable (plus expected Interconnector transfer capacity into the Transmission System) by Fuel Type Category (to the extent that such data is available to the Transmission Company for each Fuel Type Category)	Weekly where provided by the Transmission Company to a User	Tabular and graphic	Previous submission
2-52 week ahead weekly Output Usable (plus, in respect of Interconnector BM Units, the expected Interconnector transfer capacity into the Transmission System) by BM Unit (to the extent that such data is available to the Transmission Company for each BM Unit) – weekly peak half hour value	Weekly where provided by the Transmission Company to a User	Download only	Previous submission
1-2 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable – weekly peak half hour value	Twice each calendar year at regular intervals of approximately 6 months during that year where provided by the Transmission Company to a User	Download only	Previous submission
3-5 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable – weekly peak half hour value	Twice each calendar year at regular intervals of approximately 6 months during that year where provided by the Transmission Company to a User	Download only	Previous submission
Data relating to Emergency Acceptances	As received	Text message only	None
Day ahead National Demand forecast – value for each half hour	Daily	Tabular and graphic for D-1, D to D+1. Otherwise tabular	Previous forecast

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
Day ahead Transmission System Demand forecast – value for each half hour	Daily	Tabular and graphic for D-1, D to D+1. Otherwise tabular	Previous forecast
Day ahead National Indicated Generation (INDGEN) and Demand (INDDEM) forecast – value for each half hour	Daily	Tabular and graphic for D-1, D to D+1. Otherwise tabular	Previous forecast
Updates of day ahead Indicated Imbalance (IMBALNGC), INDGEN, INDDEM, National Demand forecast and Transmission System Demand forecast – values for each half hour or each remaining half hour in day D	5 times each day	Tabular and graphic for D-1, D to D+1. Otherwise tabular	Previous forecast
2-14 day ahead Surplus forecast (SPLD) – daily peak half hour value	Each Business Day	Tabular	Previous forecast
2-52 week ahead Surplus forecast (SPLW) – weekly peak half hour value	Weekly	Tabular	Previous forecast
Day ahead Indicated Margin (MELNGC) - values for each half hour	Daily	Tabular and graphic for D-1, D to D+1. Otherwise tabular	None
Update of MELNGC – values for each half hour or each remaining half hour in day D	5 times each day	Tabular and graphic for D-1, D to D+1. Otherwise tabular	Previous forecast
System warnings (SYS_WARN)	When received	Text message only	None
Balancing Services Adjustment Data (BSAD)	Daily	Tabular	None
Initial National Demand Out-turn (INDO)	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Initial Transmission System Demand Out-Turn (ITSDO)	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative System Buy Price (ISBP _i) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
Indicative System Sell Price (ISSP _j) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative Period Accepted Bid and Offer Volumes (IQAB ^{kn} _{ij} and IQAO ^{kn} _{ij}) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative Net Imbalance Volume (INIV _j) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative Period BM Unit Total Accepted Bid and Offer Volumes (IQAB ⁿ _{ij} and IQAO ⁿ _{ij}) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative Period Balancing Mechanism Bid and Offer Cashflows (ICB ⁿ _{ij} and ICO ⁿ _{ij}) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Final Physical Notification Data per BM Unit Quiescent Physical Notification Data	As received	Tabular and graphic for D-1 and D. Otherwise tabular	None
Bid-Offer Pairs per BM Unit (prices and MW volumes)	As received	Tabular and graphic for D-1 and D. Otherwise tabular	None
Changes to Dynamic Data Set and Maximum Export Limit/Maximum Import Limit items per BM Unit (MEL, MIL, RURE, RURI, RDRE, RDRI, NDZ, NTO, NTB, MZT, MNZT, SEL, SIL, MDV, MDP) per BM Unit	As received	Tabular and graphic for D-1 and D. Otherwise tabular	Previously submitted Dynamic Data Set
Acceptance Data per BM Unit	As received	Tabular and graphic for D-1 and D. Otherwise tabular	None
Zonal day ahead Transmission System Demand forecast – values for each half hour in each BMRS Zone	Daily	Tabular and graphic	None

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
Zonal day ahead Indicated Generation and Indicated Demand forecast – values for each half hour in each BMRS Zone	Daily	Tabular and graphic	None
Zonal update of Indicated Demand, Indicated Generation and Indicated Imbalance - values for each BMRS Zone and each half hour or each remaining half hour in day D	5 times each day	Tabular and graphic	Previous forecast
BM Unit Applicable Balancing Services Volume	Daily (published for all days on Business Days only)	Tabular	None
Out-Turn Temperature	Daily	Tabular and graphic	None
Normal Reference Temperature	Daily	Tabular and graphic	None
Low Reference Temperature	Daily	Tabular and graphic	None
High Reference Temperature	Daily	Tabular and graphic	None
Forecast Total Power Park Module Generation – value for each SP for which such data is submitted by the Transmission Company	Daily	Tabular and graphic	Previous forecast
Total Metered Capacity – value for each SP for which Forecast Total Power Park Module Generation data is submitted by the Transmission Company	Daily	Tabular	None
Total Instantaneous Out-Turn Generation – instantaneous value for each Fuel Type Category	Every 5 minutes	Tabular and graphic	None
Total Period Out-Turn Generation – value for each Fuel Type Category in each SP	Half hourly	Tabular and graphic	None
BM Unit Fuel Type List	As received	Tabular	None
Transmission Energy	Daily	Tabular and graphic	None

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
Normal Reference Transmission Energy	Daily	Tabular and graphic	None
High Reference Transmission Energy	Daily	Tabular and graphic	None
Low Reference Transmission Energy	Daily	Tabular and graphic	None
Non-BM STOR Instructed Volume – value for each SP	Half hourly	Tabular and graphic	None
Transmission System Frequency – value for one or more spot times	Every 2 minutes	Tabular and graphic	None
System Zone boundaries	Whenever changes are made to System Zone definitions or boundaries	Download only	None

TABLE 1A -BMRS

Notes:

1. Column 1 (data) specifies the data which is to be made available.
2. Column 2 (frequency) specifies the frequency with which data is provided.
3. Column 3 (format) specifies the format in which data is made available.
5. Section Q10 sets out the times by which and the frequency with which the BSCCo is required to provide data to the BMRA to be posted on the BMRS.

DATA	FREQUENCY	FORMAT
BM Units associated with LCPs	As received	Tabular
Status of each LCP	As received	Tabular
Cumulative operational hours for Opted Out Plant	As received	Tabular
Cumulative operation hours for Opted In Plant under ELV with an Article 5(1) derogation	As received	Tabular
Details of any Article 5(1) derogation applications made for each Opted In Plant under ELV	As received	Tabular
Details of any Article 5(1) derogations granted for each Opted In Plant under ELV	As received	Tabular
Details of any Article 7(1) notifications made	As received	Tabular
Remaining operational hours for each LCP for Opted Out Plant	Monthly	Tabular
Total NERP allowances transferred over the preceding month	Monthly	Tabular
Total ELV allowances transferred over the preceding month	Monthly	Tabular
Total NERP allowances transferred from 1 January for that given calendar year	Monthly	Tabular
Total ELV allowances transferred from 1 January for that given calendar year	Monthly	Tabular

TABLE 2 – SAA REPORTING

Name of report	Frequency	Recipient	General Description
Interim Information Settlement Report	Daily	Relevant Party Any Party (on request) Any person (on request)	For each Trading Party (where applicable) and the Transmission Company, a report providing Bid- Offer Data, Acceptance Data and Trading Charges relating to that Party, and volumes and prices for the whole system, from the Interim Information Settlement Runs
Initial Settlement Report	Daily	Relevant Party Any Party (on request) Any person (on request)	For each Trading Party and the Transmission Company, a report providing Bid- Offer Data, Acceptance Data and Trading Charges relating to that Party, and volumes and prices for the whole system, from the Initial Settlement Runs
Timetabled Reconciliation Settlement Report	Daily	Relevant Party Any Party (on request) Any person (on request)	For each Trading Party and the Transmission Company, a report providing Bid- Offer Data, Acceptance Data and Trading Charges relating to that Party and volumes and prices for the whole system, from the Timetabled Reconciliation Settlement Runs
Final Reconciliation Settlement Report	Daily	Relevant Party Any Party (on request) Any person (on request)	For each Trading Party and the Transmission Company, a report providing Bid- Offer Data, Acceptance Data and Trading Charges relating to that Party or the Transmission Company, and volumes and prices for the whole system, from the Final Reconciliation Settlement Runs
Post-Final Settlement Report	Following a Post-Final Settlement Run	Relevant Party Any Party (on request) Any person (on request)	For each Trading Party and the Transmission Company, a report providing Bid- Offer Data, Acceptance Data and Trading Charges relating to that Party, and volumes and prices for the whole system, from a Post-Final Settlement Run
SAA Performance Report	Each month	BSCCo	A report summarising actual against expected timing for various SAA reports

TABLE 3 – ECVA A REPORTING

Name of report	Frequency	Recipient	General Description
Notification Report	End of each Settlement Day	Relevant Party	For each Contract Trading Party, a summary relating to that Contract Trading Party of Energy Contract Volumes and Metered Volume Reallocations in respect of accepted notifications for the given Settlement Day and indebtedness data once these notifications are taken into account
ECVAA Performance Report	Each month	BSCCo	A summary of ECVA A performance in respect of processing contract notification data received
Report of any rejections of ECVN	Promptly after a rejection	Relevant Party	A report relating to a Contract Trading Party of ECVNs rejected or refused or treated as rejected or refused
Report of any rejections of MVRN	Promptly after a rejection	Relevant Party	A report relating to a Contract Trading Party of MVRNs rejected or refused or treated as rejected or refused
Forward Notification Summary	Daily	Relevant Party	For each Contract Trading Party, a summary relating to that Contract Trading Party of notifications received, for a given number of Settlement Days following the Settlement Day on which the report is provided
Volume Nullification Notification Confirmation Report or VNNCR	Promptly after successful validation	Relevant Party	For each Contract Trading Party to whom the VNNR relates, a feedback to report either the acceptance or rejection of a VNNR
Acceptance Feedback Report for valid ECVNs	Promptly after successful validation	Parties, ECVNA	For each Contract Trading Party, a positive feedback to report the acceptance of those ECVNs where the effective date of the ECVN is no greater than 72 Settlement Periods ahead
Acceptance Feedback Report for valid MVRNs	Promptly after successful validation	Parties, MVRNA	For each Contract Trading Party, a positive feedback to report the acceptance of those MVRNs where the effective date of the MVRN is no greater than 72 Settlement Periods ahead

Name of report	Frequency	Recipient	General Description
Acceptance Feedback Report for matched ECVNs	Promptly after successful matching	Parties, ECVNA	For each Contract Trading Party, a positive feedback to report the matching of those ECVNs where the effective date of the ECVN is no greater than 72 Settlement Periods ahead, provided no such report will be issued if the ECVNs are deemed to be matched pursuant to Section P2.4.3
Acceptance Feedback Report for matched MVRNs	Promptly after successful matching	Parties, MVRNA	For each Contract Trading Party, a positive feedback to report the matching of those MVRNs where the effective date of the MVRN is no greater than 72 Settlement Periods ahead, provided no such report will be issued if the MVRNs are deemed to be matched pursuant to Section P3.4.3

TABLE 4 – CRA REPORTING

Name of report	Frequency	Recipient	General Description
Registration Report	As necessary	Relevant Party	For each Party, a report providing any new or changed registration data relating to that Party
Operations Registration Report	Daily	BSCCo Transmission Company	A listing of all registered BM Units and of Trading Units and Interconnectors

TABLE 5 – CDCA REPORTING

Name of Report	Frequency	Recipient	General Description
CDCA Performance Report	Daily, monthly, quarterly and by exception	BSCCo	A breakdown of actual activities, relative to that expected
Raw Metered Volume Data Report	Daily	Relevant Party Transmission Company Relevant Distribution System Operator	A report relating to the Registrant, containing raw metered data from each meter and the status of this data
Estimated Data Report	As required or monthly	Relevant Party Transmission Company Relevant Distribution System Operator	A report relating to the Registrant, containing all estimate notifications issued by CDCA in a given period, the estimation method used and whether the estimation was agreed
Exception Report for Missing (Invalid) Data	Daily	Relevant Party Relevant Meter Operator Agent	A report relating to the Registrant, listing any notifications of data deemed to be invalid or not available for collection
MAR Reconciliation Report	Every 3 months per metering system	Relevant Party Relevant Meter Operator Agent	A report relating to the Registrant detailing the actual difference calculated for each active energy meter or associated outstation register
Aggregated Data Report	Daily	Relevant Party Any Party (on request) Any person (on request)	A report relating to the Registrant containing Metered Volumes for each BM Unit, Interconnector or GSP Group
Meter Period Data Report	Daily	Relevant Distribution System Operator Any Party (on request) Any person (on request)	A report containing all Metered Volumes for all Distribution Systems Connection Points
Report of Aggregation Rules	On request	Relevant Party	A report of the Aggregation Rules for each of the relevant types of Volume Allocation Unit relating to that Registrant

Name of Report	Frequency	Recipient	General Description
Total Gross Demand per GSP	Daily	Any Party (on request) Transmission Company Any person (on request)	A report of the aggregated meter flows for each Grid Supply Point in each GSP Group per Settlement Period

TABLE 6 – FAA REPORTING

Name of report	Frequency	Recipient	General Description
Statements to Parties	Quarterly	Relevant Party	For each Trading Party and the Transmission Company, a breakdown per Settlement Day of initial and reconciliation amounts payable by that Party as detailed in Advice Notes, including interest and tax

TABLE 7 – SVAA REPORTING

Category of Data	Frequency	Recipient	General Description
Supplier Consumption Information	Daily	Relevant Party	Supplier consumption data per Settlement Period and/or Settlement Day aggregated by Supplier BM Unit and/or Supplier and GSP Group for each such Supplier Where appropriate, such data is by Consumption Component Class
GSP Group Consumption Information	Daily	All Suppliers	GSP Group consumption data per Settlement Period and/or Settlement Day in respect of each GSP Group Where appropriate, such data is by Consumption Component Class
GSP Group Profile Information	Daily	All Suppliers	Profile information in respect of each Settlement Day
DUoS Report	Daily	Relevant Distribution System Operators Relevant Party	Various reports containing profiled Supplier Purchase Matrix data per Settlement Period and Settlement Day by Line Loss Factor Class, Profile Class, Standard Settlement Configuration, Time Pattern Regime, Supplier and GSP Group Report containing GSP Group Correction Factor and GSP Group Scaling Weight are provided
TUoS Report	Daily	Transmission Company	Various reports containing GSP Group Take, Supplier Deemed Take by Settlement Period and/or Settlement Day in respect of each GSP Group and Supplier, and half hourly and non-half hourly consumption by Settlement Period and/or Settlement Day in respect of each Supplier BM Unit.

Category of Data	Frequency	Recipient	General Description
Profile Data Report	When requested (the data provided relates to the BSC Year preceding that in which the request is made)	Any person (on request)	Report containing profile coefficients per Settlement Period and Settlement Day, by GSP Group, Profile Class and combination of Standard Settlement Configuration and Time Pattern Regime Note: for requests made during the BSC Year ending 31 March 2002, the data will include equivalent data under the Pooling and Settlement Agreement for the period 1 April 2000 to the day before the Go-live Date.
Market Domain Data	All Suppliers: upon registration with the participation capacity of a Supplier; and thereafter whenever updated. Any Party or any person (on request): When requested; and thereafter whenever updated	All Suppliers Any Party (on request) Excluding Profiling Regression data: any person (on request)	A report containing those data items (or changes to those items) which relate to Supplier Volume Allocation, which is distributed by the SVAA in accordance with BSCP509.

TABLE 8

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TABLE 10 – LINE LOSS FACTORS

Notes:

1. In this table terms shall have the meanings given to them in Section K1.7.
2. Previous, current and year ahead data shall be in respect of a BSC Year.
3. In respect of year ahead data publication shall only occur when that data is available.
4. Column 1 (data) specifies the data to be published and the day, week or other period to which the data relates.

DATA
<p>Line Loss Factors in respect of SVA Metering Systems (or classes of SVA Metering System) or where applicable the default values established pursuant to Section K1.7 together with a summarised version.</p> <p>Previous, current and year ahead.</p>