

**Balancing and Settlement Code**

**BMRS Data Catalogue**

**Version 1.0**

**Date: 27 June 2019**

## **BMRS Data Catalogue**

1. Reference is made to the Balancing and Settlement Code and, in particular, to the definition of “General requirements for the Balancing Mechanism Reporting Service” in Section V and to the definition of “Data Catalogue” in Section X Annex X-1.
2. This is BMRS Data Catalogue Version 1.0 relating to BMRS requirements.
3. This Data Catalogue is effective from 27 June 2019.
4. This Data Catalogue has been approved by the BSC Panel or its relevant delegated Panel Committee(s).

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## Amendment Record

Version	Date	Description of Change	Changes Included	Mods/Panel/Committee Refs.
1.0	27 June 2019	P372: 27 June 2019 Release	P372 Self-Governance	P290/07

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## **1 Introduction**

### **1.1 Purpose and Scope of this document**

1.1.1 The purpose of this Data Catalogue is to set out the functional reporting requirements for the Balancing Mechanism Reporting Service (BMRS).

### **1.2 Main Users of this document**

1.2.1 This Data Catalogue should be used by:

- The [BMRS User Group]
- BSCCo
- BSC Panel
- BSC Parties
- The Balancing Mechanism Reporting Agent
- Persons other than Parties that utilise the BMRS

### **1.3 Balancing and Settlement Code Provision**

1.3.1 This Data Catalogue has been produced in accordance with the provisions of the BSC and in particular Section V. In the event of an inconsistency between the provisions of this Data Catalogue and the BSC, the provisions of the BSC shall prevail.

### **1.4 Associated Code Subsidiary Documents**

1.4.1 This BSC Procedure interfaces with:

- (a) Service Description for Balancing Mechanism Reporting
- (b) Balancing Mechanism Reporting Agent User Requirements Specification
- (c) Reporting Catalogue
- (d) CVA Data Catalogue
- (e) SVA Data Catalogue

## 1.5 Acronyms and Definitions

1.5.1 Any capitalised term that is not defined in this Data Catalogue shall have the same meaning given to it as in the Code.

The acronyms used in this Data Catalogue are defined as follows:

BAU	Business As Usual
BM	Balancing Mechanism
BMRA	Balancing Mechanism Reporting Agent
BMRS	Balancing Mechanism Reporting Service
BSC	Balancing and Settlement Code (the “Code”)
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
CB <sup>n</sup> <sub>ij</sub>	Period BM Unit Bid Cashflow
CO <sup>n</sup> <sub>ij</sub>	Period BM Unit Offer Cashflow
ECVAA	Energy Contract Volume Allocation Agent
ETLMO <sup>+</sup>	Estimated Delivering Transmission Losses Adjustment
ETLMO <sup>-</sup>	Estimated Offtaking Transmission Losses Adjustment
ICB <sup>n</sup> <sub>ij</sub>	Indicative Period BM Unit Bid Cashflow
ICO <sup>n</sup> <sub>ij</sub>	Indicative Period BM Unit Offer Cashflow
IQAB <sup>n</sup> <sub>ij</sub>	Indicative Period BM Unit Total Accepted Bid Volume
IQAB <sup>kn</sup> <sub>ij</sub>	Indicative Period Accepted Bid Volume
IQAO <sup>n</sup> <sub>ij</sub>	Indicative Period BM Unit Total Accepted Offer Volume
IQAO <sup>kn</sup> <sub>ij</sub>	Indicative Period Accepted Bid Volume
INIV <sub>j</sub>	Indicative Net Imbalance Volume
ISBP <sub>j</sub>	Indicative System Buy Price
ISSP <sub>j</sub>	Indicative System Sell Price
NETSO	National Electricity Transmission System Operator
QAB <sup>n</sup> <sub>ij</sub>	Period BM Unit Total Accepted Bid Volume
QAB <sup>kn</sup> <sub>ij</sub>	Period Accepted Bid Volume
QAO <sup>n</sup> <sub>ij</sub>	Period BM Unit Total Accepted Offer Volume
QAO <sup>kn</sup> <sub>ij</sub>	Period Accepted Bid Volume
TLMO <sup>+</sup>	Delivering Transmission Losses Adjustment
TLMO <sup>-</sup>	Offtaking Transmission Losses Adjustment

## 2 Functional requirements

### 2.1 Validation

2.1.1 On receipt of Balancing Services Adjustment Data from the NETSO, 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 NETSO promptly if this is not the case.

### 2.2 Format

2.2.1 BMRS data will be made available in all cases in the form of a table of data as specified in the BMRS Specification, and in addition, in certain cases specified in the BMRS Specification, in graphic, pictorial or other form as specified.

2.2.2 In certain cases as specified in Table 1, Table 2 and in the case of data referred to in paragraph 2.7.1, BMRS data will be available as a text message only.

2.2.3 Where possible, BMRS data should be made available in a machine readable format.

### 2.3 Data retention

2.3.1 Unless otherwise specified in this Section 2, or in Section 4, 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.

### 2.4 Default data

2.4.1 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.

### 3 Reporting requirements

#### 3.1 Indicative data reporting

3.1.1 The BMRA shall calculate:

- (a) Indicative Period BM Unit Total Accepted Bid Volume ( $IQAB^{n_{ij}}$ );
- (b) Indicative Period BM Unit Total Accepted Offer Volume ( $IQAO^{n_{ij}}$ );
- (c) Indicative Period Accepted Bid Volume ( $IQAB^{kn_{ij}}$ ); and
- (d) Indicative Period Accepted Bid Volume ( $IQAO^{kn_{ij}}$ ),
- (e) Indicative Period RR Total Accepted Bid Volume ( $IRRAB^{n_{ij}}$ );
- (f) Indicative Period RR Total Accepted Offer Volume ( $IRRAO^{n_{ij}}$ );
- (g) Indicative Period RR Accepted Bid Volume ( $IRRAB^{kn_{ij}}$ ); and
- (h) Indicative Period RR Accepted Offer Volume ( $IRRAO^{kn_{ij}}$ ),

in accordance with the rules in Section T3 save that in each case the terms  $IQAB^{n_{ij}}$ ,  $IQAO^{n_{ij}}$ ,  $IQAB^{kn_{ij}}$ ,  $IQAO^{kn_{ij}}$ ,  $IRRAB^{n_{ij}}$ ,  $IRRAO^{n_{ij}}$ ,  $IRRAB^{kn_{ij}}$  and  $IRRAO^{kn_{ij}}$  shall (for the purposes of this paragraph 2.6 only) be substituted for the terms  $QAB^{n_{ij}}$ ,  $QAO^{n_{ij}}$ ,  $QAB^{kn_{ij}}$ ,  $QAO^{kn_{ij}}$ ,  $RRAB^{n_{ij}}$ ,  $RRAO^{n_{ij}}$ ,  $RRAB^{kn_{ij}}$  and  $RRAO^{kn_{ij}}$  in Section T.

3.1.2 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 Section T 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 3.1 only) be substituted for the terms  $TLMO^+$ ,  $TLMO^-$ , the Balancing Services Adjustment Data and other relevant terms in Section T.

3.1.3 The BMRA shall calculate:

- (a) the Indicative Period BM Unit Bid Cashflow ( $ICB^{n_{ij}}$ ), and
- (b) the Indicative Period BM Unit Offer Cashflow ( $ICO^{n_{ij}}$ )

in accordance with the rules in Section T3 save that in each case the terms  $ETLMO^+$ ,  $ETLMO^-$ ,  $IQAB^{n_{ij}}$ ,  $IQAO^{n_{ij}}$ ,  $ICB^{n_{ij}}$  and  $ICO^{n_{ij}}$  shall (for the purposes of this paragraph 3.1 only) be substituted for the terms  $TLMO^+$ ,  $TLMO^-$ ,  $QAB^{n_{ij}}$ ,  $QAO^{n_{ij}}$ ,  $CB^{n_{ij}}$  and  $CO^{n_{ij}}$  in Section T.



3.1.4 The BMRA shall calculate:

- (a) the Indicative Quarter-Hour RR Cashflow ( $ICCR_{ij}$ )
- (b) the Indicative Period RR BM Unit Cashflow ( $ICRR_{ij}$ ),

in accordance with the rules in Section T3 save that in each case the terms  $ICCR_{ij}$ ,  $ICRR_{ij}$  and  $IRRAP_j$  shall (for the purposes of this paragraph 2.6 only) be substituted for the terms  $CCR_{ij}$ ,  $CRR_{ij}$  and  $RRAP_j$  in Section T.

### 3.2 Credit Default reporting

3.2.1 The statements and notices relating to Credit Default will be available on the BMRS, pursuant to Section M. For these purposes, where a statement or notice is posted on BMRS:

- (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 ECVAA 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.

### 3.3 Additional data reporting

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

- (a) the data referred to in Section V4.3 if the Panel so determine in accordance with Section V4.3;
- (b) the Transparency Regulation Data specified in Table 2, provided that such data has been received by the BMRA
- (c) any further data specified in Table 4; and
- (d) the Settlement Exchange Rate data specified in Table 5.

## 4 Reporting Tables

### 4.1 TABLE 1 – Balancing Mechanism Reporting Service Reporting Requirements

4.1.1 Table 1 sets out:

- (a) the data referred to in Section V2.1.2(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 2.2) 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 2.4.1.

#### 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 2.4.1.
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 NETSO 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.

<b>DATA AND RELEVANT SETTLEMENT PERIODS</b>	<b>FREQUENCY</b>	<b>FORMAT</b>	<b>DEFAULT</b>
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

<b>DATA AND RELEVANT SETTLEMENT PERIODS</b>	<b>FREQUENCY</b>	<b>FORMAT</b>	<b>DEFAULT</b>
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 NETSO to a User	Download only	Previous submission
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 NETSO for each Fuel Type Category)	Daily where provided by the NETSO 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 NETSO for each BM Unit) – daily peak half hour value	Daily where provided by the NETSO 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 NETSO 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 (OCNMFV) – 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 NETSO 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 NETSO for each Fuel Type Category)	Weekly where provided by the NETSO 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 NETSO for each BM Unit) – weekly peak half hour value	Weekly where provided by the NETSO 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 NETSO 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 NETSO 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
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

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
Day ahead National Indicated Generation (INDGEN) and Demand (INDDDEM) 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, INDDDEM, 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

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
Indicative System Buy Price (ISBP <sub>j</sub> ) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative System Sell Price (ISSP <sub>j</sub> ) – 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 <sup>kn</sup> <sub>ij</sub> and IQAO <sup>kn</sup> <sub>ij</sub> ) – value for each SP	Half hourly	Tabular and graphic for D-1 and D. Otherwise tabular	None
Indicative Net Imbalance Volume (INIV <sub>j</sub> ) – 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 <sup>n</sup> <sub>ij</sub> and IQAO <sup>n</sup> <sub>ij</sub> ) – 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 <sup>n</sup> <sub>ij</sub> and ICO <sup>n</sup> <sub>ij</sub> ) – 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

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
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
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 NETSO	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 NETSO	Daily	Tabular	None

<b>DATA AND RELEVANT SETTLEMENT PERIODS</b>	<b>FREQUENCY</b>	<b>FORMAT</b>	<b>DEFAULT</b>
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
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
For each BM STOR Action – the Acceptance Volume Pairs, the Offer Price and the Bid-Offer Acceptance Number	Half hourly	Tabular	None
For each Non-BM STOR Action – the Balancing Services Adjustment Volume, the Balancing Services Adjustment Cost and the Bid-Offer Acceptance Number	Half hourly	Tabular	None
Utilisation Price for each STOR Action	Half hourly	Tabular	None
Reserve Scarcity Price for each STOR Action	Half hourly	Tabular	None
Indicative Loss of Load Probability	As received	Tabular	Most recently received Indicative Loss of Load Probability, otherwise none



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<b>DATA AND RELEVANT SETTLEMENT PERIODS</b>	<b>FREQUENCY</b>	<b>FORMAT</b>	<b>DEFAULT</b>
Final Loss of Load Probability	As received	Tabular	Most recently received Indicative Loss of Load Probability, otherwise none
Demand Control Instruction	As received	Tabular	None
De-Rated Margin Forecast	As received	Tabular	None

**4.2 TABLE 2 – Balancing Mechanism Reporting Service: TRANSPARENCY DATA**

4.2.1 Table 2 sets out:

- (a) the Transparency Regulation Data which is made available on the BMRS by reference to the relevant provision of the Transparency Regulation;
- (b) the frequency with which such data is to be available on the BMRS; and
- (c) the format (in accordance with paragraph 2.2) in which such data is to be available on the BMRS.

## NOTES:

1. Column 1 (data) specifies the data which is to be made available.
2. Column 2 (frequency) specifies the frequency with which the data is to be provided.
3. Column 3 (format) specifies the format in which the data is made available.

<b>DATA</b>	<b>FREQUENCY</b>	<b>FORMAT</b>
Data specified in Article 6 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 6 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 6 1.(c) of the Transparency Regulation	As received	Tabular
Data specified in Article 6 1.(d) of the Transparency Regulation	As received	Tabular
Data specified in Article 6 1.(e) of the Transparency Regulation	As received	Tabular
Data specified in Article 7 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 7 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 8 1. of the Transparency Regulation	As received	Tabular
Data specified in Article 9 of the Transparency Regulation	As received	Tabular
Data specified in Article 10 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 10 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 10 1.(c) of the Transparency Regulation	As received	Tabular

DATA	FREQUENCY	FORMAT
Data specified in Article 13 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 13 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 13 1.(c) of the Transparency Regulation	As received	Tabular
Data specified in Article 14 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 14 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 14 1.(c) of the Transparency Regulation	As received	Tabular
Data specified in Article 14 1.(d) of the Transparency Regulation	As received	Tabular
Data specified in Article 15 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 15 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 15 1.(c) of the Transparency Regulation	As received	Tabular
Data specified in Article 15 1.(d) of the Transparency Regulation	As received	Tabular
Data specified in Article 16 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 16 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 16 1.(c) of the Transparency Regulation	As received	Tabular
Data specified in Article 16 1.(d) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(a) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(b) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(c) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(d) of the Transparency Regulation	As received	Tabular

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<b>DATA</b>	<b>FREQUENCY</b>	<b>FORMAT</b>
Data specified in Article 17 1.(e) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(f) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(g) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(h) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(i) of the Transparency Regulation	As received	Tabular
Data specified in Article 17 1.(j) of the Transparency Regulation	As received	Tabular

### 4.3 TABLE 3 – Balancing Mechanism Reporting Service: INSIDE INFORMATION DATA

4.3.1 Table 3 sets out:

- (a) the data referred to in Section V2.1.2(d) which is to be available on the BMRS and the period to which such data relates;
- (b) the frequency with which such data is to be available on the BMRS; and
- (c) the format (in accordance with paragraph 2.2) in which such data is to be available on the 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.

<b>DATA</b>	<b>FREQUENCY</b>	<b>FORMAT</b>
Inside Information Message	As received	Tabular

#### 4.4 TABLE 4 – Balancing Mechanism Reporting Service: FURTHER DATA

4.4.1 Table 4 sets out:

- (a) other data to be available on the BMRS in accordance with Section V2.1.2(c) and, where applicable, the period to which such data relates;
- (b) the frequency with which such data is to be available on the BMRS; and
- (c) the format (in accordance with paragraph 2.2) in which such data is to be available on the 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.

<b>DATA</b>	<b>FREQUENCY</b>	<b>FORMAT</b>
Trading Unit Delivery Mode	As received	Tabular
Trading Unit Export Volume	As received	Tabular
Trading Unit Import Volume	As received	Tabular

#### 4.5. TABLE 5 – Balancing Mechanism Reporting Service: SETTLEMENT EXCHANGE RATE

4.5.1 Table 5 sets out:

- (a) the Settlement Exchange Rate referred to in Section V2.1.2(e) which is to be available on the BMRS and the period to which such data relates;
- (b) the frequency with which such data is to be available on the BMRS; and
- (c) the format (in accordance with paragraph 2.2) in which such data is to be available on the 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.

DATA	FREQUENCY	FORMAT
Settlement Exchange Rate	By 16.00 daily	Tabular