**APPENDIX 1 DRAFT LEGAL TEXT**

**MODIFICATION P219**

**PROPOSED SOLUTION**

**Section I, Annex I-4, Table 4** (Version 8.0)

*Annex I-4 shall be amended as follows:*

**Proposed Frequency, Location, Format and Publication of Great Britain Forecast Data**

**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 (format) specifies the format in which data is made available.

3. Column 3 (frequency) specifies the frequency with which data is provided.

4. System Zone and Output Usable have the meanings given to those terms in the Grid Code;

5. References to Output Usable are to the Output Usable data for the time being provided to the Transmission Company by the relevant User pursuant to the Grid Code;

6. "Zonal Output Usable" means the sum of Output Usable for all Gensets in a System Zone plus expected Interconnector transfers into that System Zone, and "Total Output Usable" means the sum of Output Usable for all Gensets plus expected Interconnector transfers into the Transmission System (as defined in Section I 14.2);

7. Generating Plant Demand Margin has the meaning given to that term in the Grid Code.

| **GREAT BRITAIN FORECAST DATA** | | | |
|---|---|---|---|
| **DATA AND RELEVANT SETTLEMENT PERIODS** | **REPORTING FORMAT** | **REPORTING FREQUENCY** | **DATE OF FIRST PUBLICATION** |
| 2-14 day ahead GB National Demand forecast (TNDFD) – daily peak half hour value | Tabular | Twice Weekly | BETTA Effective Date - 10 days |
| 2-52 week ahead GB National Demand forecast (NDFW) – weekly peak half hour value | Tabular | Fortnightly | 20 January 2005 |
| Day ahead GB National Demand forecast – value for each half hour. | Tabular | Once | BETTA Effective Date – 1 day |
| Day ahead national Indicated Generation (INDGEN~~M~~) and Demand (INDDEM) forecast – value for each | Tabular | Once | BETTA Effective Date – 1 day |

| | | | |
|---|---|---|---|
| half hour | | | |
| 2-14 day ahead Surplus forecast (SPLD) – daily peak half hour value | Tabular | Twice Weekly | BETTA Effective Date - 10 days |
| 2-52 week ahead Surplus forecast (SPLW) – weekly peak half hour value | Tabular | Fortnightly | 20 January 2005 |
| Day ahead Indicated Margin (TMELNGC) - values for each half hour | Tabular | Once | BETTA Effective Date – 1 day |
| Zonal day ahead Demand forecast – values for each half hour in each BMRS Zone | Tabular | Once | BETTA Effective Date – 1 day |
| Zonal day ahead Indicated Generation and Indicated Demand forecast – values for each half hour in each BMRS Zone | Tabular | Once | BETTA Effective Date – 1 day |
| 2–14 day ahead daily Zonal Output Usable for each System Zone and daily Transition Total Output Usable – daily peak half hour values | Tabular | Twice Weekly | BETTA Effective Date - 10 days |
| 2–52 week ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable – weekly peak half hour values | Tabular | Fortnightly | 20 January 2005 |
| 1-2 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable – weekly peak half hour values | Tabular | Once | BETTA Effective Date - 10 days |
| System Zone boundaries | Graphical | Once | 20 January 2005 |
| 2-14 day ahead National Generating Plant Demand Margin forecast (OCNMFD) – daily peak half hour value | Tabular | Fortnightly | BETTA Effective Date - 10 days |
| 2-52 week ahead National Generating Plant Demand Margin forecast (OCNMFW) – weekly peak half hour value | Tabular | Fortnightly | 20 January 2005. |

**Section Q** (Version 16.0)

*Paragraphs 6.1.2, 6.1.3, 6.1.5 and 6.1.6 shall be amended as follows:*

6.1.2 Not later than 1700 hours on the last Business Day of the week, the Transmission Company shall send to the BMRA the following data for each week from the 2nd week following the current week to the 52nd week following the current week:

(a) the National Demand forecast expressed as an average MW value for the Settlement Period at the peak of the week;

(b) the Transmission System Demand forecast expressed as an average MW value for the Settlement Period at the peak of the week; and

~~(b)~~(c) the national Surplus forecast expressed as an average MW value for the Settlement Period at the peak of the week.

6.1.3 Not later than 1500 hours each day, the Transmission Company shall send to the BMRA the following data applicable for each Operational Day from the 2nd day following the current Operational Day to the 14th day following the current Operational Day: the peak National Demand forecast expressed as an average MW value for the Settlement Period at the peak of the day and the peak Transmission System Demand forecast expressed as an average MW value for the Settlement Period at the peak of the day.

6.1.5 Not later than 0900 hours each day, the Transmission Company shall send to the BMRA the following data applicable for the following Operational Day:

(a) the National Demand forecast expressed as an average MW value for each Settlement Period within the Operational Day;

(b) ~~the zonal Demand forecast expressed as an average MW value for each Settlement Period within the Operational Day~~ the Transmission System Demand forecast expressed as an average MW value for each Settlement Period within the Operational Day;~~,~~ and

(c) the Zonal Transmission System Demand forecast expressed as an average MW value for each Settlement Period within the Operational Day.

6.1.6 Not later than 1200 hours each day, the Transmission Company shall send to the BMRA the following data expressed as an average MW value for each Settlement Period within the following Operational Day:

(a) the Indicated Margin;

(b) the National Indicated Imbalance;

(c) the National Indicated Generation;

(d) the National Indicated Demand;

(e) the National Demand forecast;~~,~~ and

(f) the Transmission System Demand forecast.

*Paragraph 6.1.8 shall be amended as follows:*

6.1.8 The data items to be provided to the BMRA by the Transmission Company at the times specified in Table 1 above shall be:

(a) the National Demand forecast;

(b) the National Indicated Margin;

(c) the National Indicated Imbalance;

(d) the National Indicated Demand;

(e) the National Indicated Generation;

(f) the Zonal Transmission System Demand forecast for each BMRS Zone;

(g) the Indicated Constraint Boundary Margin for each BMRS Zone;

(h) the Zonal Indicated Imbalance for each BMRS Zone;

(i) the Zonal Indicated Demand for each BMRS Zone; ~~and~~

(j) the Zonal Indicated Generation for each BMRS Zone~~;~~ and

(k) the Transmission System Demand forecast.

*Paragraph 6.1.13 shall be amended as follows:*

6.1.13 Not later than 15 minutes following the end of each Settlement Period, the Transmission Company shall send to the BMRA the Initial National Demand Out-Turn and Initial Transmission System Demand Out-Turn for that Settlement Period.

**Section V Annex V-1** (version 22.0)

*Annex V-1: Table of Reports, Table 1 – BMRS shall be amended as follows:*

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 |
| 2-52 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 |
| 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 |
| Day ahead National Indicated Generation (INDGENM) 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), INDGENM, INDDEM, National Demand forecast and Transmission System Company Demand forecast (DF) – 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 | Daily | Tabular and graphic for D-1, D to D+1. | None |

| DATA AND RELEVANT SETTLEMENT PERIODS | FREQUENCY | FORMAT | DEFAULT |
|---|---|---|---|
| (MELNGC) - values for each half hour | | Otherwise tabular | |
| 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 ($ISBP_j$) – value for each SP | Half hourly | Tabular and graphic for D-1 and D. Otherwise tabular | None |
| Indicative System Sell Price ($ISSP_j$) – 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<br><br>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, | As received | Tabular and graphic for D-1 and D. Otherwise tabular | Previously submitted Dynamic Data |

| DATA AND RELEVANT SETTLEMENT PERIODS | FREQUENCY | FORMAT | DEFAULT |
|---|---|---|---|
| NTO, NTB, MZT, MNZT, SEL, SIL, MDV, MDP) per BM Unit | | | 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 |

**Section X, Annex X-2, Table X-2 Terms and Expression Applying Except in Relation to Section S.** (Version 25.0)

*The following two terms and expressions shall be amended as follows:*

| | | | |
|---|---|---|---|
| Indicated Imbalance | IMBALNGC | MW | Has the meaning given to that term in ~~BC1 of~~ the Grid Code.<br><br>*Calculated as the difference between the sum of all Physical Notifications for exporting BM Units (i.e. the Indicated Generation ~~Demand~~) and the Transmission System Demand ~~f~~Forecast.* |
| Indicated Margin | | MW | Has the meaning given to that term in ~~BC1 of~~ the Grid Code.<br><br>*Calculated as the difference between the sum of all Maximum Export Limits for exporting BM Units and the Transmission System Demand ~~f~~Forecast.* |

*The following new term/expression shall be inserted into the list of terms/expressions in alphabetical order:*

| | | | |
|---|---|---|---|
| Initial Transmission System Demand Out-Turn | ITSDO | MW | The half-hour average MW demand metered by the Transmission Company taking into account transmission losses and including station transformers load, pumped storage demand and Interconnector demand. |

*The following term/expression shall be amended as follows:*

| | | | |
|---|---|---|---|
| National Demand | | | Has the meaning given to the term GB National Demand as defined in the Grid Code. |

*The following new term/expression shall be inserted into the list of terms/expressions in alphabetical order:*

| | | | |
|---|---|---|---|
| Transmission System Demand | | | Has the meaning given to the term GB Transmission System Demand as defined in the Grid Code. |

*The following new term/expression shall be inserted into the list of terms/expressions in alphabetical order:*

| | | | |
|---|---|---|---|
| Zonal Transmission System Demand | | | The forecast quantity of Transmission System Demand in a BMRS Zone. |

**Section X, Annex X-2, Table X-3, Glossary of Acronyms Applying Except in Relation to Section S.** (Version 25.0)

*The following new acronym shall be inserted in Table X-3 in alphabetical order of acronym name:*

| | | |
|---|---|---|
| ITSDO | MW | Initial Transmission System Demand Out-Turn |