Annex 1A Legal Text

Modification P220

Proposed Solution

Section Q (version 16.0)

The following new paragraphs shall be inserted after paragraph 6.1.14:

6.1.15 No later than 1700 hours each day, the Transmission Company shall send to the BMRA the following data applicable for the day preceding the current day: the Out-Turn Temperature, expressed as a single degrees celsius value deemed to be representative of the temperature measured at midday.

6.1.16 No later than 1700 hours each day, the Transmission Company shall send to the BMRA the following data applicable for the day preceding the current day:

(a) the Normal Reference Temperature expressed as a degrees celsius value;

(b) the Low Reference Temperature expressed as a degrees celsius value; and

(c) the High Reference Temperature expressed as a degrees celsius value.

6.1.17 No later than 1700 hours each day, the Transmission Company shall send to the BMRA the following data for the period commencing at 2100 hours on D and ending at 2130 hours on D+2 (and in respect of which 'D' refers to the Settlement Day in which the submission time falls):

(a) the Forecast Total Power Park Module Generation for a sample of Settlement Periods selected by the Transmission Company, expressed as an average MW value for each such Settlement Period across all Power Park Modules metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code;

(b) the time associated with each Settlement Period referred to in paragraph 6.1.17 (a); and

(c) the Total Metered Capacity for each Settlement Period referred to in paragraph 6.1.17 (a), expressed as a total MW value of the Registered Capacity of all Power Park Modules metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code.

6.1.18 Every 5 minutes the Transmission Company shall send to the BMRA the Total Instantaneous Out-Turn Generation, expressed as an instantaneous MW value for each of the following Fuel Type Categories:

(a) CCGT Modules;

(b) Oil Plant;

(c) Coal Plant;

(d) Nuclear Plant;

(e) Power Park Modules;

(f) Pumped Storage Plant;

(g) Non Pumped Storage Hydro Plant;

(h) Open Cycle Gas Turbine Plant;

(i) External Interconnection flows from France to England;

(j) External Interconnection flows from Northern Ireland to Scotland; and

(k) a single category containing any other generation not covered by (a)-(j) above.

6.1.19 No later than 15 minutes following the end of each Settlement Period, the Transmission Company shall send to the BMRA the Total Period Out-Turn Generation expressed as an average MW value for that Settlement Period for each of the Fuel Type Categories referred to in paragraph 6.1.18.

6.1.20 The Transmission Company shall:

(a) prepare, keep up-to-date and maintain, a BM Unit Fuel Type List identifying the Fuel Type Category for each BM Unit which is:

(i) metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code; and

(ii) identified by the Transmission Company as falling within a Fuel Type Category as referred to in paragraph 6.1.18; and

(b) provide to the BMRA the BM Unit Fuel Type List as updated from time to time.

6.1.21 No later than 1700 hours each day, the Transmission Company shall send to the BMRA the following data applicable for the day preceding the current day: the Transmission System Energy transmitted across the Transmission System, expressed in MWh.

6.1.22 No later than 15 minutes following the end of each Settlement Period, the Transmission Company shall send to the BMRA the Non-BM STOR Instructed Volume for that Settlement Period, expressed in MWh.

Section V (version 22.0)

Annex V-1: Table of Reports, Table 1 – BMRS shall be amended to add the following new rows after the row containing BM Unit Applicable Balancing Services Volume:

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
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 System Energy	Daily	Tabular and graphic	None
Non-BM STOR Instructed Volume – value for each SP	Half hourly	Tabular and graphic	None

Section X Annex X-1 General Glossary (version 36.0)

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

"**BM Unit Fuel Type List**":	means the list identifying the Fuel Type Category for each BM Unit which is: (i) metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code; and (ii) identified by the Transmission Company as falling within a Fuel Type Category;
"**Coal Plant**":	means a Power Station which uses coal as the primary source of fuel;
"**External Interconnection**":	has the meaning given to that term in the Grid Code;
"**Fuel Type Category**":	means each of the categories referred to in Section Q6.1.18;
"**Gas Turbine Unit**":	has the meaning given to that term in the Grid Code;
"**Non Pumped Storage Hydro Plant**":	means a Power Station which uses the mechanical force of moving water as the primary source of energy but does not

	include Pumped Storage Plant;
"**Nuclear Plant**":	means a Power Station which uses nuclear energy to generate electricity;
"**Oil Plant**":	means a Power Station which uses oil as the primary source of fuel;
"**Open Cycle Gas Turbine Plant**":	means Plant consisting of one or more Gas Turbine Units which are not part of a CCGT Module;
"**Power Station**":	has the meaning given to that term in the Grid Code;
"**Procurement Guidelines**":	means the statement prepared by (and, if appropriate, revised by) the Transmission Company pursuant to condition C16(3) of the Transmission Licence;
"**Pumped Storage Plant**":	has the meaning given to that term in the Grid Code;
"**Short Term Operating Reserve" or "STOR**":	means the balancing service procured by the Transmission Company as defined in the Procurement Guidelines;

Section X, Annex X-2, Table X-2, Terms and Expressions Applying Except in Relation to Section S (version 25.0)

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

Forecast Total Power Park Module Generation		MW	The forecast of total generation across all Power Park Modules metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code.
High Reference Temperature		Degrees celsius	The daily average temperature for Great Britain which was exceeded on 12% of days during a 30 year historic period.
Low Reference Temperature		Degrees celsius	The daily average temperature for Great Britain which was exceeded on 88% of days during a 30 year historic period.
Non-BM STOR Instructed Volume		MWh	The volume of Short Term Operating Reserve instructed by the Transmission Company outside of the balancing mechanism in order to increase generation or reduce demand.
Normal Reference		Degrees	The daily average temperature for Great Britain which was exceeded on 50% of days during a 30

Temperature		celsius	year historic period.

Out-Turn Temperature		Degrees celsius	A single value deemed to be representative of the temperature for Great Britain as measured at midday.

Registered Capacity		MW	Has the meaning given to that term in the Grid Code.

Total Instantaneous Out-Turn Generation		MW	The total instantaneous generation metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code.

Total Metered Capacity		MW	The total value of the Registered Capacity of all Power Park Modules metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code.

Total Period Out-Turn Generation		MW	In respect of a Settlement Period, the total generation for that Settlement Period as metered by the Transmission Company in accordance with CC6.5.6 of the Grid Code.

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

Transmission System Energy		MWh	The integral with respect to time of Transmission System Demand.