

SECTION Q: BALANCING MECHANISM ACTIVITIES (version 20.0)

6. SUBMISSION OF DATA BY THE TRANSMISSION COMPANY

6.1 Submission of data to the BMRA

Amend paragraph 6.1.1 as follows:

6.1.1 In this paragraph 6.1:

- (a) times by which the Transmission Company is to send data to the BMRA are target times, which the Transmission Company is expected to meet unless abnormal circumstances prevent it from doing so;
- (b) capitalised terms shall, unless otherwise defined in the Code, have the meanings given to such terms in the Grid Code; and
- (c) references to Total Output Usable data and Zonal Output Usable data are references to Total Output Usable data and Zonal Output Usable data determined from Output Usable data (and, where the context so requires, expected Interconnector transfer capacity data) for the time being provided to the Transmission Company by the relevant User pursuant to the Grid Code.

Amend paragraph 6.1.2 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~~
- (c) the national Surplus forecast expressed as an average MW value for the Settlement Period at the peak of the week; ~~and~~
- (d) the Generating Plant Demand Margin forecast expressed as an MW value for the Settlement Period at the peak of the week.

Insert new paragraph 6.1.2A directly after paragraph 6.1.2 as follows:

6.1.2A Not later than 1700 hours on the last Business Day of the week, where the following data is provided by the Transmission Company to a User, 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 (i.e. 2 to 52 weeks ahead):

- (a) the Total Output Usable;

(b) the 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); and

(c) the Zonal Output Usable,

in each case, expressed as an MW value for the Settlement Period at the peak of the week.

Insert new paragraph 6.1.2B directly after new paragraph 6.1.2A as follows:

6.1.2B At any time that the following data is provided by the Transmission Company to a User, the Transmission Company shall send to the BMRA the following data for each day from the 2nd day following the current day to the 49th day following the current day (i.e. 2 to 49 days ahead):

(a) the Total Output Usable; and

(b) the Zonal Output Usable,

in each case, expressed as an MW value for the Settlement Period at the peak of the day.

Amend paragraph 6.1.4 as follows:

6.1.4 Not later than 1600 hours on each Business 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:

~~-(a) the national Surplus forecast expressed as an average MW value for the Settlement Period at the peak of the day; and~~

(b) the Generating Plant Demand Margin forecast expressed as an MW value for the Settlement Period at the peak of the day.

Insert new paragraphs 6.1.4A to 6.1.4C directly after paragraph 6.1.4 as follows:

6.1.4A Not later than 1600 hours on each Business Day, where the following data is provided by the Transmission Company to a User, the Transmission Company shall send to the BMRA the following data for each day from the 2nd day following the current day to the 14th day following the current day (i.e. 2 to 14 days ahead):

(a) the Total Output Usable;

(b) the 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); and

(c) the Zonal Output Usable,

in each case, expressed as an MW value for the Settlement Period at the peak of the day.

6.1.4B At the same time as the data set out in (a) and (b) below is provided by the Transmission Company to a User and, in any event, not less than twice each calendar year at regular intervals of approximately 6 months during that year, the Transmission Company shall send to the BMRA the following data for each week during a calendar year for each calendar year following the current year to the 2nd calendar year (inclusive) following the current year (i.e. 1 to 2 years ahead) and for each calendar year from the 3rd calendar year following the current year to the 5th calendar year (inclusive) following the current year (i.e. 3 to 5 years ahead):

(a) the Total Output Usable; and

(b) the Zonal Output Usable,

in each case, expressed as an MW value for the Settlement Period at the peak of the week.

6.1.4C The Transmission Company shall send to the BMRA details of the System Zone boundaries. If pursuant to the Grid Code any changes are made to System Zone definitions or boundaries, details of these changes shall be forwarded to the BMRA by the Transmission Company prior to implementation and whenever details of such changes are provided to any User pursuant to the Grid Code.

Amend paragraph 6.5 as follows:

6.5 Not used~~Submission of generation data to BSCCo~~

~~6.5.1 In this paragraph 6.5:~~

~~(a) Genset, System Zone and Output Usable have the meanings given to those terms in the Grid Code;~~

~~(b) 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;~~

~~(c) "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;~~

~~(d) times by which the Transmission Company is required to send data to BSCCo are target times, which the Transmission Company is expected to meet unless abnormal circumstances prevent it from doing so;~~

~~(e) Generating Plant Demand Margin has the meaning given to that term in the Grid Code.~~

~~6.5.2 The Transmission Company shall send to BSCCo the data set out in the table below with the frequency and by the times respectively set out in the table below:~~

DATA	FREQUENCY	TARGET TIME
2–14 day ahead daily Zonal Output Usable for each System Zone and daily Total Output Usable—daily peak half hour values	Whenever provided to any User pursuant to the Grid Code	16:00 Daily on Business Days only
2–49 day ahead daily Zonal Output Usable for each System Zone and daily Total Output Usable—daily peak half hour values	Whenever provided to any User pursuant to the Grid Code	Weekly at 17:00 on the last Business Day of the week
2–52 week ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable—weekly peak half hour values	Whenever provided to any User pursuant to the Grid Code	Weekly at 17:00 on the last Business Day of the week
1–2 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable—weekly peak half hour values	Whenever provided to any User pursuant to the Grid Code	Twice each year at about 6 month intervals
3–5 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable—weekly peak half hour values	Whenever provided to any User pursuant to the Grid Code	Twice each year at about 6 month intervals
2–14 day ahead daily Generating Plant Demand Margin forecast (OCNMFD)—daily peak half hour values	Each Business Day	16:00
2–52 week ahead weekly Generating Plant Demand Margin forecast (OCNMFV)—weekly peak half hour values	Weekly	17:00

~~6.5.3 The Transmission Company shall send to BSCCo the System Zone boundaries. If pursuant to the Grid Code any changes are made to System Zone definitions these shall be forwarded to BSCCo by the Transmission Company prior to implementation and whenever provided to any User pursuant to the Grid Code.~~

SECTION V: REPORTING (version 25.0)

4. REPORTING BY BSCCO

Amend paragraph 4.4 as follows:

4.4 ~~Generation data~~Not used

~~4.4.1 BSCCo shall arrange for the data set out in Table 8 in Annex V-1 to be published on the BSC Website and revised from time to time as soon as reasonably practicable after BSCCo receives such data from the Transmission Company pursuant to Section Q6.4.~~

~~4.4.2 Where such data is received by BSCCo from the Transmission Company on a day which is not a Business Day or after the close of a Business day, BSCCo shall publish such data on the BSC Website on the next following Business Day.~~

ANNEX V-1: TABLES OF REPORTS

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

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
<u>2-14 day ahead daily Generating Plant Demand Margin forecast (OCNMFDF) – daily peak half hour value</u>	<u>Daily</u>	<u>Tabular</u>	<u>Previous forecast</u>
<u>2-14 day ahead daily Zonal Output Usable for each System Zone – daily peak half hour value</u>	<u>Daily where provided by the Transmission Company to a User</u>	<u>Download only</u>	<u>Previous submission</u>
<u>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 peak half hour value</u>	<u>Daily where provided by the Transmission Company to a User</u>	<u>Tabular and graphic</u>	<u>Previous submission</u>

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
<u>2-49 day ahead daily Zonal Output Usable for each System Zone and daily Total Output Usable – daily peak half hour value</u>	<u>When provided by the Transmission Company to a User</u>	<u>Download only</u>	<u>Previous submission</u>
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
<u>2-52 week ahead weekly Generating Plant Demand Margin forecast (OCNMFw) – weekly peak half hour value</u>	<u>Weekly</u>	<u>Tabular</u>	<u>Previous forecast</u>
<u>2-52 week ahead weekly Zonal Output Usable for each System Zone – weekly peak half hour value</u>	<u>Weekly where provided by the Transmission Company to a User</u>	<u>Download only</u>	<u>Previous submission</u>
<u>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 peak half hour value</u>	<u>Weekly where provided by the Transmission Company to a User</u>	<u>Tabular and graphic</u>	<u>Previous submission</u>

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
<u>1-2 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable – weekly peak half hour value</u>	<u>Twice each calendar year at regular intervals of approximately 6 months during that year where provided by the Transmission Company to a User</u>	<u>Download only</u>	<u>Previous submission</u>
<u>3-5 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable – weekly peak half hour value</u>	<u>Twice each calendar year at regular intervals of approximately 6 months during that year where provided by the Transmission Company to a User</u>	<u>Download only</u>	<u>Previous submission</u>
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 (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

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
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 _j) – 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 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

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
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 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

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
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
<u>System Zone boundaries</u>	<u>Whenever changes are made to System Zone definitions or boundaries</u>	<u>Download only</u>	<u>None</u>

Annex V-1: Table of Reports, Table 8- Generation Data Published on BSC Website shall be amended as follows:

TABLE 8 ~~-GENERATION DATA PUBLISHED ON BSC WEBSITE~~

THIS TABLE IS INTENTIONALLY LEFT BLANK

Notes:

- ~~1. In this table terms shall have the meanings given to them in Section Q6.5.~~

2. ~~Column 1 (data) specifies the data to be published and the day, week or other period to which the data relates:~~

DATA
2-14 day ahead daily Zonal Output Usable for each System Zone and daily Total Output Usable—daily peak half hour values
2-49 day ahead daily Zonal Output Usable for each System Zone and daily Total Output Usable—daily peak half hour values
2-52 week ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable—weekly peak half hour values
1-2 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable—weekly peak half hour values
3-5 year ahead weekly Zonal Output Usable for each System Zone and weekly Total Output Usable—weekly peak half hour values
System Zone boundaries
2-14 day ahead National Generating Demand Margin forecast (OCNMFD)—daily peak half hour value
2-52 week ahead National Generating Demand Margin forecast (OCNMFV)—weekly peak half hour value

SECTION X: DEFINITIONS AND INTERPRETATION

ANNEX X-2: TECHNICAL GLOSSARY (Version 29.0)

Table X-2, Terms and Expressions Applying Except in Relation to Section S

The following terms/expressions shall be amended as follows:

Total Output Usable		MW	Has the meaning given to that term in Section Q6.5 <u>Means the sum of Output Usables (as defined in the Grid Code) excluding (unless expressly stated otherwise in the Code)</u>
---------------------	--	----	--

			<u>expected Interconnector transfer capacity.</u>
--	--	--	---

Zonal Usable	Output		MW	Has the meaning given to that term in Section Q6.5 <u>Means the sum of Output Usables (as defined in the Grid Code) in a System Zone excluding (unless expressly stated otherwise in the Code) expected Interconnector transfer capacity.</u>
-----------------	--------	--	----	--