

Supplement 1 to Modification Report for Modification Proposal P71

Amended legal text to give effect to original Proposal

The following new paragraph 6.4 shall be inserted in Section Q and the existing paragraph 6.4 shall be renumbered as paragraph 6.5:

6.4 Applicable Balancing Services Volumes

6.4.1 In relation to each Settlement Period in a Settlement Day and each BM Unit, the Transmission Company shall send the Applicable Balancing Services Volume Data to:

- (a) the SAA; and
- (b) the BMRA

no later than the second Business Day after such Settlement Day.

6.4.2 Applicable Balancing Services Volume Data shall:

- (a) be expressed in MWh;
- (b) follow the sign conventions set out in paragraph 2.4 of Annex X-2; and
- (c) represent an aggregate net volume of Active Energy for the whole Settlement Period.

6.4.3 The Transmission Company may resubmit to the SAA the Applicable Balancing Services Volume Data in respect of any BM Unit and Settlement Period within a Settlement Day (originally sent under paragraph 6.4.1) at any time prior to the Final Reconciliation Settlement Run for such Settlement Day and the SAA shall correct such data in the Settlement Run following such resubmission.

6.4.4 For the avoidance of doubt, in respect of each Settlement Period and each BM Unit, volumes of Active Energy contained in the Applicable Balancing Services Volume Data sent pursuant to this paragraph 6.4 shall not include or be included in any volumes of Active Energy contained in Acceptance Data in respect thereof.

6.4.5 If the Lead Party notifies the Transmission Company in writing that it does not wish any volumes of Active Energy to be submitted in respect of a BM Unit for which it is Lead Party pursuant to this paragraph 6.4 with effect from an effective date specified in such notice (which date may not be earlier than 5 days after the Transmission Company receives such notice):

- (a) the Transmission Company shall notify BSCCo in writing; and
- (b) the Applicable Balancing Services Volume Data sent by the Transmission Company in respect of that BM Unit shall be set to zero by the Transmission Company in respect of each Settlement Day with effect from the specified effective date until such time as the Lead Party informs the Transmission Company in writing that such notice is to be withdrawn.

6.4.6 The obligations of the Transmission Company to send data under this paragraph 6.4 in respect of Settlement Periods and Settlement Days, and the use of such data in the determination of Trading Charges in respect of Settlement Days in accordance with the provisions of Section T, shall apply in respect of each Settlement Period and Settlement Day from the time when this paragraph 6.4 comes into effect.

The following amendments (as marked up) shall be made in Section T:

1.3.2 Data required from the Transmission Company are:

- (a) Final Physical Notification Data;
- (b) Bid-Offer Data;
- (c) Acceptance Data;
- (d) Balancing Services Adjustment Data; and
- (e) Applicable Balancing Services Volume Data.

4.3.2 In respect of each Settlement Period, for each BM Unit, the Period BM Unit ~~Bid—Offer~~ Balancing Services Volume, will be determined as follows:

$$QBSO_{ij} = \sum^n (QAO_{ij}^n + QAB_{ij}^n) + QAS_{ij}$$

where \sum^n represents the sum over all Bid-Offer Pair numbers for the BM Unit.

4.3.3 In respect of each Settlement Period, for each BM Unit, the Period Expected Metered Volume will be determined as follows:

$$QME_{ij} = FPN_{ij} + QBSO_{ij}$$

4.5.1 In respect of each Settlement Period and each Energy Account, the Credited Energy Volume for each BM Unit to be allocated to the corresponding Energy Account of the Subsidiary Party and of the Lead Party will be determined as follows:

- (a) in the case of the corresponding Energy Account of each Subsidiary Party:

$$QCE_{iaj} = \{(QM_{ij} - QBSO_{ij}) * (QMPR_{iaj}/100) + QMFR_{iaj}\} * TLM_{ij}$$

and values of QCE_{iaj} are then rounded towards zero to the nearest kWh;

- (b) in the case of the corresponding Energy Account of the Lead Party:

$$QCE_{iaj} = (QM_{ij} * TLM_{ij}) - \sum_a QCE_{iaj}$$

where \sum_a represents the sum over all Energy Accounts for Subsidiary Parties of the Lead Party (not including Energy Accounts for the Lead Party itself).

4.6.2 In respect of each Settlement Period, for each Energy Account, the Account Period ~~Bid—Offer~~ Balancing Services Volume will be determined as follows:

$$QABS_{aj} = \sum_i QBSO_{ij} * TLM_{ij}$$

where \sum_i represents the sum over all BM Units for which such Energy Account is the corresponding Energy Account of the Lead Party.

4.6.3 In respect of each Settlement Period, for each Energy Account, the Account Energy Imbalance Volume will be determined as follows:

$$QAEI_{aj} = QACE_{aj} - QABS_{aj} - QABC_{aj}$$

The following new paragraph 4.6.5 shall be inserted in Section T:

4.6.5 In respect of each Settlement Period, the Total Period Applicable Balancing Services Volume will be determined as follows:

$$\text{TOAS}_i = \sum_j \text{QAS}_{ij}$$

where \sum_j represents the sum over all BM Units.

The following new data item shall be inserted in Annex V-1, Table 1:

DATA AND RELEVANT SETTLEMENT PERIODS	FREQUENCY	FORMAT	DEFAULT
<u>BM Unit Applicable Balancing Services Volume</u>	<u>Daily (published for all days on Business Days only)</u>	<u>Tabular</u>	<u>None</u>

The following new definitions shall be inserted (alphabetically) in Annex X-1:

"Applicable Balancing Services" means Balancing Services in respect of which the Transmission Company submits or is to submit data pursuant to Section Q6.4;

"Applicable Balancing Services Volume Data" means the data in respect of a BM Unit and a Settlement Period representing volumes of Active Energy associated with the provision of Applicable Balancing Services as sent by the Transmission Company to the SAA and the BMRA pursuant to Section Q6.4;

"Balancing Services" has the meaning given to that term in the Transmission Licence;

The following amendments (as marked up) shall be made in Table X-2 of Annex X-2:

Defined Term	Acronym	Units	Definition/Explanatory Text
Account Period Bid—Offer <u>Balancing Services</u> Volume	QABS <u>Q</u> _{aj}	MWh	The quantity determined in accordance with section T 4.6.2 <i>The Account Period Bid—Offer <u>Balancing Services</u> Volume is the sum of the <u>net</u> quantity of accepted Bids and Offers, <u>and the net energy associated with delivery of Applicable Balancing Services</u> from all BM Units for which Energy Account a is the Lead Energy Account in Settlement Period j.</i>
<u>BM Unit Applicable Balancing Services Volume</u>	<u>QAS</u> _{ij}	<u>MWh</u>	<u>In respect of a BM Unit and a Settlement Period, the Applicable Balancing Services Volume Data sent by the Transmission Company pursuant to Section Q6.4.</u>
Period BM Unit Bid—Offer <u>Balancing Services</u> Volume	QBS <u>Q</u> _{ij}	MWh	The quantity determined in accordance with section T 4.3.2. <i>The Period BM Unit Bid—Offer <u>Balancing Services</u> Volume is the <u>sum of the net</u> quantity of accepted Bids and Offers <u>and the net quantity of energy associated with delivery of Applicable Balancing Services</u> from BM Unit i in Settlement Period j.</i>
<u>Total Period Applicable Balancing Services Volume</u>	<u>TQAS</u> _j	<u>MWh</u>	<u>The amount determined in accordance with Section T 4.6.5.</u> <i>The <u>Total Period Applicable Balancing Services Volume</u> is the <u>net quantity of energy associated with delivery of Applicable Balancing Services</u> by all BM Units in Settlement Period j.</i>

The following amendments (as marked up) will be made to Table X-3 of Annex X-2:

Acronym	Units	Corresponding Defined Term or Expression
QABS <u>Q</u> _{aj}	MWh	Account Period Bid—Offer <u>Balancing Services</u> Volume
<u>QAS</u> _{ij}	<u>MWh</u>	<u>BM Unit Applicable Balancing Services Volume</u>
QBS <u>Q</u> _{ij}	MWh	Period BM Unit Bid—Offer <u>Balancing Services</u> Volume
<u>TQAS</u> _j	<u>MWh</u>	<u>Total Period Applicable Balancing Services Volume</u>