

Ancillary & Other Services Volume Methodology Statement

Version: 0.2 of 05 December 2001

**Example (for the purposes of BSC P34
Modification Proposal working Group)**

Version Control

Issue	Date	Description
0.1	01/10/01	Example document for illustration / discussion proposed. (Approval from the Authority has and will not be sought for this discussion document)
0.2	05/12/01	Example document for illustration / discussion proposed. (Approval from the Authority has and will not be sought for this discussion document)

Preamble

This statement is produced by the **Transmission Company** (and subject to the approval of the **Authority**) in accordance with the BSC (section T3.13.1) to determine the methodology used to calculate QAS_{ij} . QAS_{ij} is the **BM Unit Ancillary Service** and **Other Service** Energy, and is used by the BSC to adjust a party's contracted energy position to reflect their expected delivery of energy under **Ancillary Service** and **Other Service** contracts.

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1. Services

This methodology statement allows for the determination of **QAS_{ij}** such that imbalance charges calculated under the Balancing and Settlement Code take account of energy delivered by the following **Ancillary Services** and **Other Services**:

- i. **Mode A Frequency Response**; and
- ii. Variation in active power production or consumption in accordance with an **Ancillary Service** or **Other Service** contract excluding **Mode A Frequency Response**.

2. Methodology

QAS_{ij} will be determined in accordance with the following formula:

$$QAS_{ij} = \begin{cases} IE_{ij} + \sum_{s \in i} \left(SF_{sj} \times \int_0^{SPD} I_{sj}(t) dt \right) & \text{for settlement periods after [31/02/2001]} \\ 0 & \text{otherwise} \end{cases}$$

where:

$\sum_{s \in i}$ is the summation across all Ancillary Service and Other Service provision, s , that contribute to the production or consumption of **BM Unit i**.

IE_{ij} Is defined in paragraph 4.1.3.9 of CUSC.

$I_{sj}(t)$ Is the power delivered or consumed in accordance with the **Ancillary Service** or **Other Service** contract excluding **Mode A Frequency Response** and Bid Offer Acceptances, relating to service s , time t from the start of **settlement period j**.

s Is the number of a discreet **Ancillary Service** or **Other Service** provision.

SF_{sj} Is the Service Flag for site s in **settlement period j**.

Takes the value 0, unless notified (in accordance with the

notification procedure) by the lead party of the **BM Unit** that incorporates services, when it takes the value 1.

3. Disputes

Section 7 of the CUSC shall apply *mutatis mutandis*.

4. Publication of Information

The **Transmission Company** will make available on its website a copy of this methodology statement.

Not more than three months after the end of the financial year, the **Transmission Company** shall provide the **Authority** a statement, which, with respect to the values of **QAS_{ij}** notified to the **Settlement Administration Agent** for the relevant year shall:

- i. be certified by a Director of the **Transmission Company** (on behalf of the **Transmission Company**) indicating that to the best of his or her knowledge, information and belief, the values of **QAS_{ij}** notified are correctly calculated in accordance with this methodology statement.
- ii. be accompanied by a report from the **Auditors**, stating that in their opinion, that the **Transmission Company** has correctly notified values of **QAS_{ij}** to the **Settlement Administration Agent** in accordance with this methodology statement.

5. Variation of this Statement

If the **Transmission Company** wishes to vary this statement (or is directed to do so by the **Authority**) it will notify the proposal to:

- i. BSC signatories;
- ii. Any party with an **Ancillary Service** or **Other Service** contract; and
- iii. The **Authority**.

and place a copy of the proposal on its website.

The Transmission Company will consult for a period of 28 days (or less if instructed by the **Authority**), prior to seeking the **Authority's** approval for the proposed change.

6. Definitions

The following table indicates the sources of definitions for terms used in this statement:

Source	Defined Terms
Transmission Licence	Ancillary Service; Auditors; Other Service; Transmission Company.
CUSC	Authority; Mode A Frequency Response.
BSC	BM Unit; QAS _{ij} ; Settlement Administration Agent; SPD; Settlement Period.