Change Proposal – BSCP40/02	CP No: 1356
	Version No: v1.0

Title
Demand BM[1] Unit Aggregation Rule Example for BSCP75[2]

Under Section R of the Balancing and Settlement Code (BSC), Parties are required to submit Aggregation Rules to the Central Data Collection Agent (CDCA) to determine Metered Volumes[3]. Aggregation Rules describe how Import and/or Export Active Energy metered data is to be aggregated so that, for any Settlement Period, the Metered Volume of a Volume Allocation Unit[4] (VAU) can be calculated.

BSCP75 defines the process for submitting Aggregation Rules to the CDCA and Appendix 4.1 of BSCP75 gives examples of typical configurations and Aggregation Rules for Volume Allocation Units.

A Trading Dispute was recently raised when an incorrect Aggregation Rule for a *demand only* BM Unit was submitted by a BSC Party and validated by the CDCA. The dispute highlighted that the examples provided in BSCP75 Appendix 4.1 typically assume that BM Units will comprise *both generation and demand* and the Aggregation Rules will net these volumes off each other, that is:

VAU Metered Volume = Active Export volumes (AE) – Active Import volumes (AI)

Demand only BM Units are set up to capture AI volumes only. In the case of the Dispute the BSC Party submitted an Aggregation Rule containing only the AI term but failed to ensure that the result of the Aggregation Rule was a negative quantity. As a result the BSC Central Systems allocated the resulting positive Metered Volumes to the appropriate BSC Party's Production Energy Account instead of their Consumption Energy Account.

Following the Aggregation Rule format (i.e. AE minus AI) the BSC Party should, because the AE volumes for this BM Unit were zero, have submitted an Aggregation Rule of the form:

VAU Metered Volume = 0 – AI volumes

This would produce the correct negative value to indicate imported volumes and hence BSC Central System would correctly allocate the Metered Volumes to the appropriate BSC Party's Consumption Energy Account.

Proposed Solution *(mandatory by originator)*

The proposed change seeks to include an example in Section 4.1 of BSCP75 of a typical scenario where a BSC Party needs to create an Aggregation Rule for a demand only BM Unit. The example is provided in the redlining attached.

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[1] Balancing Mechanism

[2] 'Registration of Meter Aggregation Rules For Volume Allocation Units'

[3] Metered Volumes for a Volume Allocation Unit in a settlement period is the net aggregate volume of active energy (determined at the Transmission Boundary) which flowed in that Settlement Period to or from the Volume Allocation Unit.

[4] Defined in Section R of the BSC as all BM Units excluding Interconnector and Supplier BM Units.

Justification for Change *(mandatory by originator)*

Providing a demand only example in BSCP75 will make it clearer to BSC Parties responsible for submitting Aggregation Rules how the rules should be formulated in situations where a demand only BM Unit is set up. This will also provide guidance to the CDCA for validating such Aggregation Rules and should help to prevent Metered Volumes being allocated incorrectly to Production Energy Accounts in such scenarios.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?
Section K 3.2

Estimated Implementation Costs
The estimated ELEXON implementation cost is 1.5 man days of effort, which equates to £360.

Configurable Items Affected by Proposed Solution(s)

BSCP75 Registration of Meter Aggregation Rules For Volume Allocation Units.

Impact on Core Industry Documents or System Operator-Transmission Owner Code

None.

Related Changes and/or Projects *(mandatory by BSCCo)*

None.

Requested Implementation Date

28 June 2012.

Reason:
The Trading Disputes Committee has recommended this change. Therefore it should be implemented on the next available Release date.

Version History

We raised version 1.0 of this CP on 30 September 2011.

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Attachments: Yes
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