

Redlined SAA Service Description for CP1453 ‘Changes to SAA Service Description and SAA URS for P269 systems fix’.

This CP proposes changes to Section 3.36 of the SAA Service Description.

We have redlined these changes against Version 24.0.

Amend Section 3.36 as follows:

3.36 Calculation of Credited Energy Volume

3.36.1 When allocating the BM Unit Metered Volume (QM_{ij}) and the Period BM Unit Balancing Services Volume (QBS_{ij}) to Energy Account a for each Settlement Period j, under paragraphs 3.36.3 and 3.36.5:

Where BM Unit i is a Production BM Unit (has a P/C Status of Production) for that Settlement Period j, then Energy Account a shall be the Production Energy Account

Otherwise,

Where BM Unit i is a Consumption BM Unit (has a P/C Status of Consumption) for that Settlement Period j, then Energy Account a shall be the Consumption Energy Account.

3.36.2 For each Settlement Period j, the SAA shall determine the P/C Status of BM Unit i according to the rules applied by the CRA¹ for the corresponding Settlement Day. The SAA shall retain a record of the P/C Status applied in the Credited Energy Volume calculation for each BM Unit i and Settlement Period j.

~~3.36.34~~ The SAA shall allocate the Credited Energy Volume QCE_{iaj} from each BM Unit i, to each Subsidiary Energy Account a for each Settlement Period j, as follows:

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

Values of QCE_{iaj} are then rounded towards zero.

Where $a \neq A$, and A is the Lead Energy Account for BM Unit i; $QMFR_{iaj}$ is the Metered Volume Fixed Reallocation, a fixed volume in MWh, assigned to Energy Account a from BM Unit i in Settlement Period j; $QMPR_{iaj}$ is the Metered Volume Percentage Reallocation, the percentage of the BM Unit Metered Volume that remains after QMFRs and BM actions have been deducted, which is allocated to Energy Account a from BM Unit i in Settlement Period j; and QM_{ij} is the BM Unit Metered Volume.

~~3.36.42~~ The above calculation represents a pro-rata of the loss adjusted metered volume across those Energy Accounts that have title to a proportion of the metered volume. The pro-rata needs to take account of volumes of BM action accepted for the BM Unit.

~~3.36.53~~ The SAA shall determine the Credited Energy Volume from each BM Unit i, for the Lead Energy Account ($a = A$) for each Settlement Period j, as follows:

$$QCE_{iAj} = (QM_{ij} * TLM_{ij}) - \sum_{a \neq A} QCE_{iaj}$$

Where $\sum_{a \neq A}$ represents a sum over all values of a, other than $a = A$.

¹ As detailed in the CRA Service Description.

This allocates any residual metered volume, including any BM action to the Lead Energy Account.

- | 3.36.64 The treatment of Interconnector BM Units shall be in accordance with Section T 4.1 of the Code.

3.37 Calculation of Account Credited Energy Volume

- 3.37.1 The SAA shall calculate the Account Credited Energy Volume ($QACE_{aj}$) for each Energy Account a, as follows:

$$QACE_{aj} = \sum_i QCE_{iaj}$$