

Stage 01: Recommendation to raise a Modification Proposal and Initial Written Assessment

What stage is this document in the process?

01 Initial Written Assessment

02 Definition Procedure

03 Assessment Procedure

04 Report Phase

Make the SVA Funding Share calculation robust to changes in Scaling Weights

This Modification Proposal corrects a manifest error/minor inconsistency within the algebra for calculating the SVA (Consumption) Funding Share. It delivers the BSC's original intent and ensures that the calculation remains robust to any future changes in GSP Group Correction Scaling Weights.

ELEXON recommends that the Panel:



- Raise the attached Modification Proposal;
- Progress directly to the Report Phase with a provisional view that it should be approved; and
- Progress as a Self-Governance Modification Proposal.



Low Impact:
Supplier Volume Allocation Agent (SVAA) and ELEXON



Any questions?

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[click & insert image](#)



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About This Document:

This is a recommendation by ELEXON to the Panel to raise a Modification Proposal. We will present this recommendation to the Panel on 11 August 2011. If the Panel agrees to raise the Modification Proposal, then this document also forms our Initial Written Assessment to the Panel and sets out how we believe the change should be progressed.

The Panel will consider our recommendations and agree whether to raise the Modification Proposal and, if so, how to progress it.

You can find further information in the attached Modification Proposal (Attachment A) and draft BSC legal text (Attachment B).

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1 Why Change?



Summary of the defect

There is a manifest error/minor inconsistency within the algebra for calculating the SVA (Consumption) Funding Share, which means that a change in the GSP Group Correction Scaling Factors may have an unintended effect on the calculation. We propose to correct the algebra, to ensure that the calculation delivers the BSC's original intent and remains robust to any future changes in these Scaling Factors.

What are GSP Group Correction and Scaling Weights?

The GSP Group Correction mechanism seeks to mitigate certain types of error in metered energy volumes by adjusting the energy allocated to different Suppliers in each geographic area. This error-correction mechanism is managed through the application of GSP Group Correction Scaling Weights to each Consumption Component Class (CCC), which determines the level of correction applied to the energy within that CCC.

The current values of these Scaling Weights mean that this mechanism is applied only to energy that is settled through Non-Half Hourly (NHH) Meters, and is not applied to energy associated with Half Hourly (HH) Meters. The Scaling Weights that are used in the algorithm have not changed since NETA Go-Live in 2001. As HH metering becomes more prevalent, it becomes more likely that the Scaling Weights may need adjustment.

Following the recommendation of the Profiling and Settlement Review Group (PSRG), the Supplier Volume Allocation Group (SVG) is considering whether GSP Group Correction should be applied to both HH and NHH markets in a cost-reflective way. This would require changes to the Scaling Weights, including introducing non-zero Scaling Weights for HH energy. The SVG is currently assessing what changes should be made to the Scaling Weights, and is considering making any such changes effective from 1 April 2012. You can find further details in SVG Paper [122/09](#).

Changes to the Scaling Weights do not require a Modification Proposal, as the values are not defined in the BSC but are held within Market Domain Data (MDD). The SVG has already notified the industry that it is considering amending the Scaling Weights, and that it will consult on any such amendments as part of the normal MDD change process.

The issue – Calculation of the SVA (Consumption) Funding Share

The SVA (Consumption) Funding Share in Annex D-1 of the BSC is calculated from Corrected Correctable Supplier Deemed Take (CCSDT), the calculation of which is affected by the Scaling Weights.

This calculation currently relies on the assumption that Scaling Weights are zero for energy associated with Half Hourly metering. This has been the case until now, but the assumption will not be valid if non-zero Scaling Weights are introduced for HH GSP Group Correction.

To calculate CCSDT, the BSC defines a parameter, Non-Correctable Supplier Deemed Take (NCSDT), as the sum of consumption for each CCC where the Scaling Weight is zero. It then defines CCSDT as the difference between the total Supplier Deemed Take (SDT) and the NCSDT. This results in CCSDT being the sum of consumption for each CCC where the scaling weight is not zero.

What is the defect?

The SVA (Consumption) Funding Shares is intended as a measure of a Party's NHH consumption. However, the calculation is determined by the Scaling Weights used in GSP Group Correction. If these are changed, the calculation of the Funding Share will be distorted, leading to incorrect charges.

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Currently, all NHH CCCs have non-zero Scaling Weights, while all HH CCCs have zero Scaling Weights. This means that, at the moment, CCSDT is comprised only of NHH consumption, and accounts for all NHH consumption.

Annex D-1 clearly states that the SVA (Consumption) Funding Share is intended to be a measure of NHH consumption. This is because Half Hourly Suppliers fund their share of SVA costs separately through the Half Hourly Metering System Monthly Charge. However, if the Scaling Weights are changed then CCSDT may, as a result, be comprised of some HH consumption. As the calculation currently stands, these changes would then feed into the calculation of the SVA (Consumption) Funding Share.

If the Scaling Weights are changed, this will introduce HH consumption into the calculation of CCSDT, which will, in turn, introduce HH consumption into the Funding Share calculation. The SVA (Consumption) Funding Share is used to split the Annual Consumption-Charging Net SVA Costs, which is the portion of the BSC Costs that is paid by Parties in line with their NHH consumption. Should HH consumption be introduced to the calculation of this Funding Share, this will distort the Funding Share, and will result in Parties contributing an incorrect amount of the Annual Consumption-Charging Net SVA Costs, or even being incorrectly asked to pay towards this cost when they have no NHH consumption. You can find a worked example of the impacts of changing the Scaling Weights in Section 7.

The intent of Annex D-1 is clear, but a technical change is required to the algebra in order to ensure that the calculation continues to deliver the intended results, and is robust to any future changes in the Scaling Weights.

The PSRG and the SVG have asked us to bring this defect to the Panel's attention, and to recommend that the Panel raise a Modification Proposal.



Proposed solution

We recommend that the Panel raise the Modification Proposal in Attachment A, to correct this manifest error/minor inconsistency in accordance with paragraph F2.1.1(d)(iv) of the Code.¹

The Modification Proposal's solution involves defining a new term, 'Non Half Hourly Supplier Deemed Take' (NHSDT), to be used in the calculation of the SVA (Consumption) Funding Share. You can find the draft BSC legal text in Attachment B.

The new parameter, NHSDT, will be defined as the sum of the consumption for CCCs where the data aggregation type is NHH. It will then replace CCSDT in the calculation of the SVA (Consumption) Funding Share. This will exactly replicate the results of the current algebra with the current Scaling Weights. However, as NHSDT will not be based on Scaling Weights but on the data aggregation type, it will not be affected by subsequent changes in Scaling Weights. The change will therefore align the algebra to match the BSC's original intention that the calculation of the SVA (Consumption) Funding Share reflects a Supplier's share of NHH consumption.

As CCSDT is only used in the calculation of the SVA (Consumption) Funding Share, and is not used anywhere else in the BSC or in any other calculations, the draft legal text removes it from the BSC entirely to avoid any confusion. In addition, as NCSDT is calculated only as an intermediate step of the calculation of CCSDT, and is not used elsewhere, it is also removed.

The Modification Proposal is not dependent on the outcome of the SVG's discussions regarding the introduction of new Scaling Weights, as it relates to an existing defect in the BSC. However, the SVG has asked that the defect be rectified before April 2012 so that, if it does decide to change the Scaling Weights in the future, the calculation remains robust.

Applicable BSC Objectives

We believe that this Modification Proposal better facilitates Applicable BSC Objective (d) 'promoting efficiency in the implementation of the Balancing and Settlement arrangements'.

We believe it is self-evident that removing a manifest error/inconsistency in the Code better facilitates the efficiency of the BSC arrangements, by ensuring that the original intention of the BSC is given effect and that the calculation of SVA Funding Shares remains robust to any future changes in Scaling Weights.

Implementation Approach

If the Panel agrees to raise this Modification Proposal it will require minor System changes as well as Code changes. We therefore recommend that it is implemented as part of the February 2012 BSC Systems Release, in line with the SVG's request that a solution is in place by the end of March 2012.

You can find more details of the impacts of this Modification Proposal in Section 3.

What is the solution?

A new term, NHSDT, will be defined that is based on the data aggregation type of a CCC and not the Scaling Weight. This new term will replace CCSDT in the Funding Share calculation.

¹ F2.1.1(d)(iv) allows the Panel to raise a Modification Proposal on ELEXON's recommendation to rectify manifest errors in, correct minor inconsistencies in, or make other minor consequential changes to the Code.

3 Likely Impacts

Implementation Costs

Implementation costs	
ELEXON effort	9 man days, equating to approximately £2k
Service Provider costs	Approximately £13.5k
Total costs	Approximately £15.5k

Impacts

Impact on BSC Systems and process	
BSC System/Process	Potential impact
SVAA	Minor changes to the SVA Pool Application to give effect to the new definition. These changes will not impact Parties.

Impact on BSC Agent/Service Provider contractual arrangements	
None.	

Impact on BSC Parties and Party Agents	
None. The Modification Proposal will not cause any changes to Parties' SVA (Consumption) Funding Shares.	

Impact on Transmission Company	
None.	

Impact on ELEXON	
Minor impact to update the BSC and manage the necessary system changes.	

Impact on Code	
Code section	Potential impact
Section D – Annex D-1	Changes will be required to implement the solution.
Section S – Annex S-2	Changes will be required to implement the solution.
Section X – Annex X-2	Changes will be required to implement the solution.

Impact on Code Subsidiary Documents	
None.	

Impact on Core Industry Documents and other documents	
None.	

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Why directly to Report Phase?

The Panel has the ability to progress a Modification straight to the Report Phase where it considers it self-evident that the Modification Proposal better facilitates the Applicable BSC Objectives (BSC paragraph F2.2.4).

The clear intention of the BSC is that the SVA (Consumption) Funding Share is a measure of NHH consumption. However, the algebra in the BSC does not facilitate this in all scenarios. Although this defect in the algebra has always been present in the BSC it has not been an issue until now, as the Scaling Weights have always aligned with the arrangement of HH and NHH CCCs and thus produced the correct outcome. If the Scaling Weights are altered, this will no longer be the case.

If this Modification Proposal is not implemented, any changes to the Scaling Weights will distort the Funding Share. This will result in Parties being charged incorrect amounts, or even being incorrectly charged when they have no NHH consumption.

This Modification Proposal amends the algebra to realise the BSC's original intent. It makes the calculation robust to any changes in the Scaling Weights that will otherwise provide a result that goes against this intent. We believe it is self-evident that removing this manifest error/inconsistency in the Code better facilitates Applicable BSC Objective (d).

We therefore recommend that the Panel determines that this Modification Proposal should proceed directly to the Report Phase.

Why Self-Governance?

A Modification Proposal can be progressed as Self-Governance if:

- The Panel believes that it satisfies the Self-Governance Criteria, and the Authority does not issue a contrary direction; and/or
- The Authority believes that it satisfies the Self-Governance Criteria and issues a notice to that effect.

We believe this Modification Proposal meets the Self-Governance Criteria set out in Annex X-1 of the BSC, and therefore recommend that the Panel progresses it as a Self-Governance Modification Proposal.

The Modification Proposal has no material impact on consumers, competition, the Transmission System or BSC governance. It corrects a known manifest error/inconsistency, and enables the original intention of the BSC to be given effect in the event that the SVG separately decides to change the Scaling Weights. The Modification Proposal itself has no impact on Parties as it will not alter the SVA Funding Shares. Any future change to the Scaling Weights will be the subject of a separate industry consultation.

Next steps

If the Panel agrees to raise this Modification Proposal and sends it directly to the Report Phase, we will issue a Draft Modification Report for consultation and present the responses to the Panel at its meeting on 8 September 2011.



Self-Governance Criteria

(a) it is unlikely to have a material effect on:

(i) existing or future consumers;

(ii) competition in the generation, distribution, or supply of electricity or any commercial activities connected with the generation, distribution, or supply of electricity;

(iii) the operation of the national electricity transmission system;

(iv) matters relating to sustainable development, safety or security of supply, or the management of market or network emergencies; and

(v) the BSC's governance procedures or modification procedures; and

(b) it is unlikely to discriminate between different classes of BSC parties.

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If the Panel believes that the Modification Proposal does not satisfy the Self-Governance Criteria, the Modification Proposal will progress through the Report Phase as normal (providing the Authority does not issue a contrary direction).

If the Panel agrees that the Modification Proposal should be progressed through the Self-Governance route, then the Panel:

- Is required to submit a Self-Governance Statement to the Authority (we would submit this on the Panel's behalf at the same time as issuing the Report Phase Consultation);²
- May choose to consult the industry on whether the Modification Proposal should be Self-Governance (this would form part of the Report Phase Consultation);
- Is required to submit any consultation responses on Self-Governance to the Authority at least 7 days before the Panel intends to make its decision whether to approve the Modification Proposal (i.e. 7 days before the 8 September 2011 Panel meeting);
- Can withdraw its Self-Governance Statement at any time before the Panel makes its decision whether to approve the Modification Proposal; and
- Must comply with any direction from the Authority not to treat the proposal as a Self-Governance Modification Proposal, providing this direction is made before the Panel makes its decision whether to approve the Modification Proposal.

You can find the full Self-Governance requirements in Section F6 of the BSC.

Estimated progression costs

Estimated progression costs based on proposed timetable

ELEXON effort	3 man days, equating to approximately £720
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Estimate of total industry assessment costs

Workgroup support	Est #mtgs	Est #att	Est effort	Est rate	Sub-total
	0	5	1.5	605	£0
Consultation response support	Est #con	Est #resp	Est effort	Est rate	Sub-total
	1	6	2.5	605	£9,075
Total costs					£9,075



Industry Assessment Costs

Industry consultation response costs represent an approximation of industry time and effort in responding to consultations. The calculation is based upon an estimate of how many responses we will receive and assumes each response will take 2.5 man days of effort, multiplied by a standard rate of £605 per man day.

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² This must include the Panel's detailed reasons as to why it believes the Modification Proposal satisfies the Self-Governance Criteria and the date that the Panel intends to make its decision whether to approve the Modification Proposal.

5 Recommendations



Report Phase

We recommend that the Panel raises the Modification Proposal, sends it straight to the Report Phase with a view that it should be approved, and progresses it as a Self-Governance Modification Proposal.

We invite the Panel to:

- **RAISE** the Modification Proposal in Attachment A.

With respect to the progression process/timetable:

- **SUBMIT** the Modification Proposal directly to the Report Phase;
- **AGREE** a provisional view that the Modification should be made;
- **AGREE** a provisional Implementation Date of 23 February 2012 if the Modification Proposal is approved on or before 14 December 2011, or 31 March 2012 if the Modification Proposal is approved after 14 December 2011 but on or before 11 January 2012;
- **AGREE** the draft legal text in Attachment B; and
- **AGREE** that the Draft Modification Report should be issued for consultation and submitted to the Panel at its meeting on 8 September 2011.

With respect to Self-Governance:

- **AGREE** a provisional view that the Modification Proposal meets the Self-Governance Criteria;
- **NOTE** that, if the Panel agrees that the Modification Proposal meets the Self-Governance Criteria, ELEXON will prepare and submit a Self-Governance Statement to the Authority setting out the Panel's reasons for its view;
- **DETERMINE** if the Report Phase Consultation should seek industry views on whether the Modification Proposal meets the Self-Governance Criteria; and
- **NOTE** that the Panel has the ability to change its mind on Self-Governance at its next meeting, and that the Authority has the ability to independently determine that the Modification Proposal is, or is not, a Self-Governance Modification Proposal.

6 Further Information

You can find more information in:

Attachment A – Modification Proposal form

Attachment B – Draft legal text

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7 Appendix 1 – Worked example of a change of Scaling Weights with the current algebra

CCC	Type	Scaling Weight	Counted in CCSDT?
1	HH	0	No
2	HH	0	No
3	NHH	1	Yes
4	NHH	1	Yes

The example above simulates the current Scaling Weights, with all HH CCCs having a zero Scaling Weight and all NHH CCCs having a non-zero Scaling Weight. The current algorithm means that CCSDT consists of CCCs where the Scaling Weight is non-zero, which currently coincides with all NHH CCCs and no HH CCCs, making it a reliable measure of NHH consumption. The algorithm provides the intended results.

CCC	Type	Scaling Weight	Counted in CCSDT?
1	HH	0	No
2	HH	0.05	Yes
3	NHH	1	Yes
4	NHH	1	Yes

Following a change to the Scaling Weight for CCC 2, there is now a HH CCC with a non-zero Scaling Weight. As a result, because CCSDT consists of CCCs with non-zero Scaling Weights, it now also includes an HH CCC as well as the NHH CCCs. This would introduce HH consumption into the calculation of the SVA (Consumption) Funding Share, which would mean it would produce incorrect values. The algorithm would no longer provide the intended results.

Modification Proposal – BSCP40/03		MP No: TBC
Title of Modification Proposal		
Make the SVA Funding Share calculation robust to changes in Scaling Weights		
Submission Date: TBC		
Description of Proposed Modification		
We propose to change Annex D-1, Annex S-2, and Tables X-5, X-6 and X-7 in Annex X-2 of the BSC, to ensure that the SVA Funding Shares calculation is robust to changes in GSP Group Correction Scaling Weights (WT _N).		
Description of Issue or Defect that Modification Proposal Seeks to Address <i>(mandatory by originator)</i>		
<p>This Modification Proposal seeks to rectify a manifest error/minor inconsistency in the BSC, in accordance with the process described in Section F2.1.1(d)(iv). The Profiling and Settlement Review Group (PSRG) and the Supplier Volume Allocation Group (SVG) have asked us to bring the defect to the attention of the BSC Panel and to recommend that the Panel raises a Modification Proposal.</p> <p>The calculation of SVA Consumption Funding Shares (FSCS_{pm}) in Annex D-1 of the BSC currently assumes that Scaling Weights are zero for energy associated with Half Hourly metering. This assumption has been valid since the introduction of supply competition in 1998, but it will cease to be valid if non-zero Scaling Weights are introduced for Half Hourly (HH) GSP Group Correction. As HH metering becomes more prevalent, it becomes more likely that the Scaling Weights may need adjustment.</p> <p>The Panel has the ability to change the Scaling Weights without a Modification Proposal. It has delegated this ability to the SVG. Following the PSRG’s recommendation, the SVG is currently discussing whether to introduce cost-reflective Scaling Weights (including non-zero values in the HH market) from 1 April 2012. Further details of the SVG’s discussion are available on our website (SVG paper SVG122/09).</p> <p>Annex D-1 clearly states that the quantity FSCS_{pm} is intended to be a measure of Non Half Hourly (NHH) consumption. The fact that the algebra in the calculation currently prevents this from being achieved if HH Scaling Weights are non-zero (even though this is allowed for in the BSC provisions for GSP Group Correction in section 9 of Annex S-2) is therefore clearly a manifest error/inconsistency. A technical change is required to the algebra in order to ensure that the algorithm continues to deliver the correct measure and is robust to any future changes in Scaling Weights.</p> <p>This Modification Proposal is not dependent on the outcome of the SVG’s discussions regarding the introduction of new Scaling Weights, as it relates to an existing defect in the BSC. However, the SVG has asked that the defect be rectified before April 2012 so that, if it does decide to change the Scaling Weights in the future, the calculation remains robust.</p> <p>You can find further information in our attached Initial Written Assessment.</p>		
Impact on Code <i>(optional by originator)</i>		
Please see our attached draft legal text. You can find a detail explanation of the changes in our attached Initial Written Assessment.		
Impact on Core Industry Documents or System Operator-Transmission Owner Code		
None.		
Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties		
<p>No impact on BSC Parties, as this Modification Proposal in itself will not alter Parties’ SVA Funding Shares.</p> <p>We will make changes to the SVA Pool Application to give effect to the new definition. This will impact the Supplier Volume Allocation Agent (SVAA). It will not have any impact on BSC Parties or other BSC documentation.</p>		

Modification Proposal – BSCP40/03		MP No: TBC
Impact on other Configurable Items (optional by originator)		
None.		
Justification for Proposed Modification with Reference to Applicable BSC Objectives		
We believe that the Modification Proposal better facilitates the achievement of BSC Objective (d). We believe it is self-evident that removing a manifest error/inconsistency in the Code better facilitates the efficiency of the BSC arrangements, by ensuring that the original intention of the BSC can be given effect and that the calculation of SVA Funding Shares remains robust to any future changes in Scaling Weights.		
Is there a likely material environmental impact?		
No.		
Urgency Recommended:		
No.		
Justification for Urgency Recommendation		
Not applicable.		
Self-Governance Recommended:		
Yes.		
Justification for Self-Governance Recommendation		
We believe that the Modification Proposal fulfils the Self-Governance Criteria set out in Annex X-1 of the Code. It has no material impact on consumers, competition, the Transmission System or BSC governance.		
The Proposal seeks to correct a known manifest error/inconsistency, and enables the original intention of the BSC to be given effect in the event that the SVG separately decides to change the Scaling Weights. The Modification Proposal itself has no impact on Parties as it will not alter the SVA Funding Shares. Any future change to the Scaling Weights will be the subject of a separate industry consultation.		
Should this Modification Proposal be considered exempt from any ongoing Significant Code Reviews?		
Yes. This Modification Proposal has no interaction with any current Significant Code Reviews.		
Details of Proposer:		
Name	BSC Panel	
Organisation		
Telephone Number		
Email Address		

Modification Proposal – BSCP40/03		MP No: TBC
Details of Proposer’s Representative:		
Name	Modification Secretary	
Organisation	ELEXON	
Telephone Number	020 7380 4117	
Email address	adam.richardson@elexon.co.uk	
Details of Representative’s Alternate:		
Name	Adam Lattimore	
Organisation	ELEXON	
Telephone Number	020 7380 4363	
Email address	adam.lattimore@elexon.co.uk	
Attachments: Yes		
Draft BSC legal text (4 pages) Initial Written Assessment (10 pages)		

P27X – PROPOSED LEGAL TEXT

ANNEX D-1: FUNDING SHARES (Version 16)

Amend the formulae in Part 2 of Annex D-1 as follows:

Part 2 – SVA (Consumption) Funding Shares

A Supplier's SVA (Consumption) Funding Share ($FSCS_{pm}$) in relation to a month (month 'm') reflects its proportionate share of aggregate non-half hourly consumption for that month and shall be determined as follows:

$$FSCS_{pm} = \frac{{}^{pm}\sum_{ZHj} \text{€NHHSDT}_{HZj}}{\sum_p {}^{pm}\sum_{ZHj} \text{€NHHSDT}_{HZj}}$$

where:

${}^{pm}\sum_{ZHj}$ represents the sum over all Settlement Periods j in Month m, and over values of €NHHSDT_{HZj} relevant to Party p (where a value of €NHHSDT_{HZj} is relevant to Party p' if Party p' is the same as Supplier Z');

\sum_p represents the sum over all Trading Parties p.

Amend the formula in paragraph (a) of Part 5 of Annex D-1 as follows:

Part 5 – Determination of Funding Shares

In accordance with the further provisions of the Code, the following data (or such other data as may be agreed by BSCCo and the relevant BSC Agent) will be provided to BSCCo by the following BSC Agents in order to enable BSCCo to determine Funding Shares in accordance with Section D1.4 each month:

- (a) SVAA will provide monthly total values (by Trading Party and BM Unit) of $({}^{pm}\sum_{ZHj} \text{€NHHSDT}_{HZj})$;
- (b) SAA will provide for each month m, in relation to the Energy Account a of each Party, each BM Unit i and each Settlement Period j, values of QCE_{iaj} .

ANNEX S-2: SUPPLIER VOLUME ALLOCATION RULES (Version 17)

Amend the heading to paragraph 9.5 of Annex S-2 as follows:

9.5 Determination of ~~Non-Correctable Supplier Deemed Take and Corrected-Correctable Supplier Deemed Take~~ Non Half Hourly Supplier Deemed Take

Amend paragraph 9.5.1 as follows:

- 9.5.1 ~~The Non-Correctable Supplier Deemed Take ($NCSDT_{HZj}$) and Corrected-Correctable Supplier Deemed Take ($CCSDT_{HZj}$) within GSP Group "H" shall be determined by the SVAA according to the following formulae~~ The Non Half Hourly Supplier Deemed Take ($NHHS DT_{HZj}$) within GSP Group "H" shall be determined by the SVAA according to the following formula:

$$NCSDT_{HZj} = \sum_i^{HZ} (\sum_{N(ne)} \text{CORC}_{iNj})$$

$$\text{CCSDT}_{\text{HZj}} = \text{SDT}_{\text{HZj}} - \text{NCSDT}_{\text{HZj}} \quad \text{NHHSDT}_{\text{HZj}} = \sum_i^{\text{HZ}} (\sum_{\text{N(n)}} \text{CORC}_{\text{(Ni)}})$$

Amend paragraph 10.2.2 as follows:

- 10.2.2 The SVAA shall recalculate the Supplier Deemed Takes and Non-~~Correctable~~ Half Hourly Supplier Deemed Takes pursuant to the requirements of the Supplier Volume Allocation Rules but in each case using the then current values of the Supplier Volume Allocation variables required in respect of such Settlement Day.

ANNEX X-2: TECHNICAL GLOSSARY (Version 31)

Delete the definition of $\sum_{\text{N(nc)}}$ from Table X-5 and insert the new term $\sum_{\text{N(n)}}$ and its definition into Table X-5 of Annex X-2 as follows:

Table X-5

Use of Summations Applying to Section S

The following summations, used in the formulae and other algebraic expressions in Section S, shall bear the following respective meanings:

\sum_a	=	summed over all Data Aggregators (a);
$\sum_{\text{(ai)}}$	=	summed over all Adjusted Intervals ((ai)) associated with the spot time in question for all Time Pattern Regimes associated with a particular Standard Settlement Configuration;
\sum_j	=	summed over all Settlement Periods;
\sum_N	=	summed over all Consumption Component Classes (N) where, in such summation, values associated with Consumption Component Classes associated with Third Party Generating Plant comprised in SVA Metering Systems shall be subtracted and values associated with all other Consumption Component Classes shall be added, except in the case of $\sum_{\text{N(AA)}}$ and $\sum_{\text{N(EAC)}}$ for the purposes of Annex S-1 paragraph 2;
$\sum_{\text{N(nc)}}$	=	summed over all those Consumption Component Classes (N) for which the associated GSP Group Correction Scaling Weight (WT_N) is equal to zero and where, in such summation, values associated with Consumption Component Classes associated with Third Party Generating Plant comprised in SVA Metering Systems shall be subtracted and values associated with all other Consumption Component Classes shall be added;
<u>$\sum_{\text{N(n)}}$</u>	<u>=</u>	<u>summed over all those Consumption Component Classes (N) for which the data aggregation type is 'N' and where, in such summation, values associated with Consumption Component Classes associated with Third Party Generating Plant comprised in SVA Metering Systems shall be subtracted and values associated with all other Consumption Component Classes shall be added;</u>
\sum_T	=	summed over all Settlement Days (T) in a particular Meter Advance Period;

Amend Table X-6 as follows, including the deletion of the Expressions “Corrected Correctable Supplier Deemed Take” and “Non-Correctable Supplier Deemed Take”, and the insertion in alphabetical order of the new Expression “Non Half Hourly Supplier Deemed Take”:

Table X-6

Definitions Applying To Section S

Unless otherwise expressly stated the expressions below bear the following meanings in Section S.

The definition of ~~Corrected Correctable~~Non Half Hourly Supplier Deemed Take (~~CCNHH~~S_{DT_HZj}) also applies to Annex D-1. The definition of Measurement Class also applies to Section W.

Expression	Acronym	Units	Definition
Corrected Correctable Supplier Deemed Take	CCSDT_{HZj}	MWh	That part of the Supplier Deemed Take associated with those Consumption Component Classes for which the associated GSP Group Correction Sealing Weight is not equal to zero, determined pursuant to paragraph 9.5 of Annex S-2.
Non-Correctable Supplier Deemed Take	NCSDT_{HZj}	MWh	The sum of Corrected Components associated with Consumption Component Classes for which the associated GSP Group Correction Sealing Weight is equal to zero, determined pursuant to paragraph 9.5 of Annex S-2.
<u>Non Half Hourly Supplier Deemed Take</u>	<u>NHHS_{DT_HZj}</u>	<u>MWh</u>	<u>That part of the Supplier Deemed Take associated with those Consumption Component Classes for which the data aggregation type is ‘N’, determined pursuant to paragraph 9.5 of Annex S-2.</u>

Amend Table X-7 by deleting the acronyms CCSDT_{HZj} and NCSDT_{HZj} and their corresponding definitions, and inserting the acronym NHHS_{DT_HZj} and its definition in alphabetical order to read as follows:

Table X-7

List of Acronyms Applicable to Section S

This table provides a list of the acronyms defined in Table X-6, presented in alphabetical order of the acronym name.

Acronym	Corresponding Defined Term or Expression
CCSDT_{HZj}	Corrected Correctable Supplier Deemed Take

Acronym	Corresponding Defined Term or Expression
NCSDT_{HZj}	Non-Correctable Supplier Deemed Take
<u>NHSDT_{HZi}</u>	<u>Non Half Hourly Supplier Deemed Take</u>