

DRAFT LEGAL TEXT FOR PROPOSED MODIFICATION P388

SECTION S: SUPPLIER VOLUME ALLOCATION (30.0)

1. GENERAL

1.1 Introduction

Amend paragraph 1.1.1 to read as follows:

1.1.1 This Section S sets out:

- (a) the rights and obligations of Suppliers, and the activities and functions for which Suppliers (and their Party Agents) are responsible, in relation to Supplier Volume Allocation;
- (b) the application of performance assurance measures with respect to Parties involved in Supplier Volume Allocation and associated liquidated damages;
- (c) the functions of Supplier Meter Registration Agents with respect to Supplier Volume Allocation;
- (d) the functions of the SVAA;
- (e) the functions of the Profile Administrator;
- (f) the basis upon which SVA Metering Systems may be allocated to Additional BM Units;
- (g) the basis upon which quantities of Active Energy associated with SVA Metering Systems are determined and allocated to Supplier BM Units for the purposes of Settlement;
- (h) the basis upon which Lead Parties may allocate MSID Pairs to Secondary BM Units on the SVA Metering System Balancing Services Register; ~~and~~
- (i) the basis upon which the Lead Parties of Primary and Secondary BM Units shall provide MSID Pair Delivered Volumes for the purposes of providing Balancing Services in Settlement; and
- (j) the basis upon which Suppliers, HHDAs and SVAA may declare SVA Storage Facilities, and aggregate and report metered data from such facilities to NETSO and the basis upon which BSCCo, SVAA and the Panel may establish related assurance measures.

2. RESPONSIBILITIES OF SUPPLIERS AND SUPPLIER AGENTS

2.4 Data Aggregators

Amend paragraph 2.4.1 to read as follows:

2.4.1 The principal functions of a Half Hourly Data Aggregator are, in accordance with this Section S, the Supplier Volume Allocation Rules, BSCP503 and Party Service Line 100:

- (a) to receive half-hourly data from the relevant Half Hourly Data Collectors;
- (b) to validate data and provide reports;

- (c) to enter data into the relevant data aggregation system;
- (d) to maintain relevant standing data;
- (e) to receive and maintain Line Loss Factors provided by BSCCo and approved by the Panel;
- (f) to aggregate the metered data in MWh in the relevant data aggregation system;
- (g) to receive and maintain Additional BM Unit data for each Supplier (in respect of which such Half Hourly Data Aggregator is appointed) and to receive, validate and maintain details of the SVA Metering Systems for which such Supplier is the Registrant allocated by that Supplier to its Additional BM Units in the same GSP Group;
- (h) to provide to the SVAA data aggregated by Supplier BM Unit or by Supplier and by GSP Group in accordance with the further provisions of this Section S;
- (i) where applicable, to provide metered data to an EMR Settlement Services Provider in accordance with paragraph 2.9;
- (j) where applicable, to provide to the SVAA metered data for SVA Metering Systems allocated to a Secondary BM Unit in accordance with paragraph 2.11; and
- (k) where applicable, to provide to the SVAA metered data for SVA Metering Systems (related to SVA Storage Facilities) in accordance with paragraph 2.12.

Insert new paragraph 2.12 to read as follows:

2.12 Provision of data for SVA HH Metering Systems related to SVA Storage Facilities

2.12.1 Each Supplier shall ensure that where the SVAA informs its Half Hourly Data Aggregator that a half hourly SVA Metering System, for which that Supplier is the Registrant, is related to an SVA Storage Facility which is the subject of a valid Declaration, the Half Hourly Data Aggregator provides metered data relating to that half hourly SVA Metering System to the SVAA in accordance with Annex S-2, BSCP503 and BSCP508.

4. FUNCTIONS OF BSC AGENTS IN RELATION TO SUPPLIER VOLUME ALLOCATION

4.1 Supplier Volume Allocation Agent

Amend paragraph 4.11 to read as follows:

4.1.1 The principal functions of the SVAA are, in accordance with the Code and relevant Code Subsidiary Documents (including BSCP508 and BSCP602):

- (a) to provide a supplier volume allocation service in accordance with the relevant BSC Service Description and the Supplier Volume Allocation Rules and to comply with the other requirements of the relevant BSC Service Description;
- (b) to provide a daily profile production service in accordance with the relevant BSC Service Description involving, inter alia, receiving, obtaining and maintaining data relating to GSP Groups, noon temperatures and times of sunset, the preparation of Daily Profile Coefficients and the provision of reports

on profiles and Standard Settlement Configurations to Non Half Hourly Data Collectors and Suppliers;

- (c) to provide a Market Domain Data service to the electricity markets of England and Wales and Scotland in accordance with the relevant BSC Service Description;
- (d) to perform additional related services if and to the extent required by the Panel, including:
 - (i) the development and maintenance of a contingency plan in accordance with the relevant BSC Service Description for approval from time to time by the Panel;
 - (ii) the provision of a disaster recovery service, and the development and maintenance of a disaster recovery plan, all in accordance with the relevant BSC Service Description;
 - (iii) the provision of a national helpdesk service, a problem management service, a change management service, a committee support service, a performance report service, an ad hoc reporting service, a dispute support service, a software acceptance testing service and an integration testing service, in each case in accordance with the relevant BSC Service Description;
 - (iv) the development and maintenance of a hand-over service, and the provision of an exit management plan, in accordance with the relevant BSC Service Description;
 - (v) the provision of a consultancy service, a technical architecture and design service and a software maintenance service, in each case in accordance with the relevant BSC Service Description; and
 - (vi) such other services as may from time to time be agreed by the Panel;
- (e) to provide data to the NETSO and Distribution System Operators necessary for the purposes of calculating transmission and distribution use of system charges respectively in accordance with BSCP508;
- (f) to provide such data to the SAA as is necessary for the provision of Relevant EMR Settlement Data to an EMR Settlement Services Provider;
- (g) to provide such data to the SAA as is necessary for Settlement in relation to Secondary BM Units;
- (h) to establish and maintain a register, hereby known as the SVA Metering System Balancing Services Register, of each half hourly SVA Metering System allocated to a BM Unit which offers Balancing Services (Primary and Secondary BM Units); ~~and~~
- (i) to provide the Lead Party of a Secondary BM Unit with half hourly Metered Data for each Metering System registered to that Secondary BM Unit; ~~and~~
- (j) to establish and maintain a register, hereby known as the SVA Storage Facilities Register, of each validly declared SVA Storage Facility and related Metering Systems notified to the SVAA by a Supplier in accordance with BSCP508.

7. SUPPLIER VOLUME ALLOCATION RULES

7.2 Overview of the Supplier Volume Allocation Rules

Amend paragraph 7.2.1 to read as follows:

- 7.2.1 Suppliers and Supplier Agents shall provide data to the SVAA in accordance with the Supplier Volume Allocation Rules and BSCP508.
- 7.2.2 The Supplier Volume Allocation Rules consist of the following principal activities:
- (a) the provision of SVA Metering System registration data from the relevant SMRA to Suppliers, Supplier Agents, Distribution System Operators and relevant BSC Agents;
 - (b) the provision of standing data to the SVAA from Suppliers, Supplier Agents, Distribution System Operators, the Profile Administrator and other BSC Agents;
 - (c) the provision of periodic data to the SVAA from Non Half Hourly Data Aggregators, Half Hourly Data Aggregators, the Temperature Provider and the Teleswitch Agent;
 - (d) the derivation and distribution of the Daily Profile Coefficients by the SVAA;
 - (e) the data collection and data aggregation calculations performed by Data Collectors and Data Aggregators on behalf of Suppliers;
 - (f) the determination of the pre-correction consumption and production per Settlement Period per Supplier BM Unit by the SVAA;
 - (g) the GSP Group Correction Factor calculation performed by the SVAA which reconciles SVA metered volumes with the GSP Group Take;
 - (h) determination of the half hourly energy volumes allocated to each Supplier BM Unit, and the provision of such data to the SAA;
 - (i) determination of SVA Storage Facilities' half hourly Imports allocated to relevant Supplier BM Units, and the provision of such data to the NETSO.

ANNEX S-2: SUPPLIER VOLUME ALLOCATION RULES (V24.0)

1. GENERAL

1.1 Introduction

Insert new paragraph 1.1.3 to read as follows:

- 1.1.3 This Annex S-2 also sets out the basis upon which quantities of Active Energy associated with SVA Metering Systems are determined and allocated to Supplier BM Units and Suppliers for other purposes, including rules in respect of:
- (a) Half Hourly Data Aggregation;
 - (b) Half Hourly Metering System Consumption; and
 - (c) determination of aggregated storage volumes.

Insert new paragraph 13 to read as follows:

13. DETERMINATION OF PERIOD BM UNIT GROSS STORAGE DEMAND FOR SVA STORAGE FACILITIES

13.1 General

13.1.1 This paragraph 13 describes the processes and calculations needed to provide certain data to the NETSO for the purpose of calculating Transmission Network Use of System Charges and Balancing Services Use of System Charges relating to the operation by the NETSO of the Transmission System. For the avoidance of doubt, such data are not used for the purposes of calculating Trading Charges.

13.2 Declarations

13.2.1 Where a Supplier intends to register a Metering System on the SVA Storage Facilities Register, it shall submit a Declaration on behalf of the relevant SVA Storage Facility Operator to the SVAA in accordance with BSCP508, and shall keep the SVAA informed of any amendments or updates to that Declaration made by the SVA Storage Facility Operator.

13.2.2 Each SVA Storage Facility Operator who is a BSC Party acknowledges and agrees that:

- (a) the information contained in any Declaration submitted to the SVAA on their behalf is accurate and complete in all material respects; and
- (b) they will promptly notify the Supplier(s) who is the Registrant of the Metering System(s) on the Declaration of any amendments or updates to the Declaration.

13.3 Suppliers' Responsibilities

13.3.1 Subject to paragraph 13.3.2, each Supplier shall ensure that Metered Data for each Settlement Period of each Settlement Day are made available to the SVAA pursuant to this paragraph 13.2, in respect of all of such Supplier's Metering Systems which are listed on the SVA Storage Facilities Register and subject to half hourly metering.

13.3.2 If:

- (a) a SVA Generator provides Export Active Energy through a SVA Metering System and such Export Active Energy is allocated between two or more Suppliers; and/or
- (b) a SVA Customer consumes Import Active Energy through a SVA Metering System and such Import Active Energy is allocated between two or more Suppliers,

each such Supplier shall ensure that Metered Data for each Settlement Period of each Settlement Day shall be made available to the SVAA pursuant to this paragraph 13.3 in respect of all of such Supplier's Metering System Numbers associated with Metering Systems which are listed on the SVA Storage Facilities Register and subject to half hourly metering.

13.3.3 For the purposes of paragraph 13, Metered Data shall not include Unmetered Supplies subject to Equivalent Metering.

13.4 Half Hourly Data Aggregator's Responsibilities

13.4.1 Each Supplier shall ensure that each of its Half Hourly Data Aggregators shall in respect of that Supplier's Metering Systems listed on the SVA Storage Facilities Register for which that Half Hourly Data Aggregator is responsible and in respect of a particular Settlement Day:

- (a) receive half hourly Supplier's Metering System Metered Consumption from the relevant Half Hourly Data Collectors;
- (b) undertake checks and provide reports in accordance with BSCP503; and
- (c) provide to the SVAA the Supplier's Metering System Metered Consumption.

13.4.2 In respect of Metering Systems relating to SVA Storage Facilities, for any Reconciliation Volume Allocation Run for a Settlement Day, each Supplier shall ensure that:

- (a) in respect of data which are then currently available but which were not previously available for use in the immediately preceding Initial Volume Allocation Run or Reconciliation Volume Allocation Run, as the case may be;
- (b) its Half Hourly Data Aggregators shall, for that Settlement Day, provide to the SVAA in the case of a GSP Group "H" and a Half Hourly Data Aggregator, the Supplier's Metered Consumption and Supplier's Metered Consumption (Losses) data, pursuant to paragraph 13.4.1 which data shall incorporate any revised data made available.

13.5 SVAA Responsibilities

13.5.1 The SVAA shall determine the Allocated Supplier's Storage Metering System Metered Consumption ($ASSMMC_{HZaNLKj}$) by assigning a GSP Group "H", Line Loss Factor Class "L", and Consumption Component Class (in respect of Imports only) "N" to the Supplier's Metering System Metered Consumption provided, pursuant to paragraph 13.4.1, by the Half Hourly Data Aggregator appointed by such Supplier to be responsible for the relevant Metering System associated with an SVA Storage Facility "K'" for the relevant Settlement Day.

13.5.2 For the purposes of paragraph 13.5.1 and any subsequent processing of Supplier's Metering System Metered Consumption and data derived from such processing pursuant to the Supplier Volume Allocation Rules the term "**Metering System**" shall be construed to include Primary Metering System Numbers and Secondary Metering System Numbers as if such Primary Metering System Numbers and Secondary Metering System Numbers represented physical metering systems, in each case in relation only to SVA Storage Facilities.

13.5.3 The SVAA shall ensure that the Supplier's Storage Metered Consumption ($SSMC_{HZaNj}$) within Consumption Component Class "N" (which Consumption Component Class shall not be a Consumption Component Class for line losses) within such Supplier "Z" for a particular GSP Group "H", Line Loss Factor Class

"L" and Half Hourly Data Aggregator "a" shall be determined according to the following formula:

$$SSMC_{HZaNLj} = \sum_{LK}^N ASSMMC_{HZaNLK'j} / 1000$$

13.5.4 The SVAA shall ensure that, for each Supplier's Storage Metered Consumption (SSMC_{HZaNLj}) value determined pursuant to paragraph 13.5.3, one or more values of Supplier's Storage Metered Consumption (Losses) (SSMCL_{HZaNLj}) within Consumption Component Class "N" (which Consumption Component Class shall be a Consumption Component Class for line losses), within such Supplier "Z" for a particular GSP Group "H", Line Loss Factor Class "L" and Half Hourly Data Aggregator "a" shall be determined according to the following formula:

$$SSMCL_{HZaNLj} = \sum_{K}^{(vv)L} ((LLF_{Lj} - 1) * ASSMMC_{HZaNLK'j}) / 1000$$

where "(vv)" is the Consumption Component Class (not for line losses) associated with the Consumption Component Class "N" for which the value of SSMCL_{HZaNLj} is to be determined.

13.5.5 For each Supplier's Storage Metered Consumption (SSMC_{HZaNLj}) value determined pursuant to paragraph 13.5.3, the SVAA shall determine the BM Unit's Storage Metered Consumption (BMSMC_{iaNLj}) by assigning the Supplier's Storage Metered Consumption value to the BM Unit "i" which is the Base BM Unit for the Supplier "Z" and GSP Group "H" to which the value of Supplier's Storage Metered Consumption applies.

13.5.6 The SVAA shall determine the Half Hourly Storage Consumption (Non Losses) (SC_{iNj}) within Consumption Component Class "N" (which Consumption Component Class shall not be a Consumption Component Class for line losses) for each Supplier BM Unit "i" according to the following formula:

$$SC_{iNj} = \sum_{aL} BMSMC_{iaNLj}$$

where BM Unit's Storage Metered Consumption (BMSMC_{iaNLj}) are determined pursuant to paragraph 13.5.5.

13.5.7 For each Supplier's Storage Metered Consumption (Losses) (SSMCL_{HZaNLj}) value determined pursuant to paragraph 13.5.4, the SVAA shall determine the BM Unit's Storage Metered Consumption (Losses) (BMSMCL_{iaNLj}) by assigning the Supplier's Storage Metered Consumption (Losses) value to the BM Unit "i" which is the Base BM Unit for the Supplier "Z" and GSP Group "H" to which the value of Supplier's Storage Metered Consumption (Losses) applies.

13.5.8 The SVAA shall determine the Half Hourly Storage Consumption (Losses) (SCLOSS_{iNj}) within Consumption Component Class "N" (which Consumption Component Class shall be a Consumption Component Class for line losses) for each Supplier BM Unit "i" according to the following formula:

$$SCLOSS_{iNj} = \sum_{aL} BMSMCL_{iaNLj}$$

where BM Unit's Storage Metered Consumption (Losses) (BMSMCL_{iaNLj}) are determined pursuant to paragraph 13.5.7.

13.5.9 The Corrected Component (CORC_{iNj}) for each Consumption Component Class "N" within Supplier BM Unit "i" shall be determined by the SVAA according to the following formula:

$$\text{CORC}_{iNj} = (\text{SC}_{iNj} + \text{SCLOSS}_{iNj}) * (1 + (\text{CF}_{Hj} - 1) * \text{WT}_N)$$

where WT_N is the associated GSP Group Correction Scaling Weight and CF_{Hj} is the value of GSP Group Correction Factor determined pursuant to paragraph 9.2 for the GSP Group "H" associated with the Supplier BM Unit "i".

13.5.10 The Period BM Unit Gross Storage Demand shall be determined by the SVAA by aggregating the Corrected Components determined under paragraph 13.5.9 to Measurement Class level.

13.6 Supplier Volume Allocation Runs

13.6.1 For each Settlement Period in any Settlement Day and for each Supplier BM Unit, the SVAA shall determine or re-determine the Period BM Unit Gross Storage Demand and provide the same to NETSO in accordance with BSCP508:

- (a) on each occasion on which an Interim Information Volume Allocation Run, Initial Volume Allocation Run or a Timetabled Reconciliation Volume Allocation Run is required in relation to that Settlement Day, in accordance with the Settlement Calendar; and
- (b) on each occasion on which a Post Final Volume Allocation Run is required by the Panel in accordance with the timetable specified by the Panel in accordance with Section W4.2.3.

13.7 General Responsibilities in respect of SVA Storage Facilities

13.7.1 In respect of SVA Storage Facilities, and in each case in accordance with BSCP508, the SVAA shall:

- (a) validate Declarations submitted by Suppliers pursuant to paragraph 13.2.1;
- (b) register any SVA Storage Facilities that are subject to a valid Declaration;
- (c) undertake monthly validity checks of SVA Storage Facilities;
- (d) provide reports and information to BSCCo including submissions and validations made pursuant to this paragraph 13 and associated calculations and data; and
- (e) maintain and publish a record of all SVA Storage Facilities that have a current and valid Declaration.

13.7.2 In respect of SVA Storage Facilities, and in each case in accordance with BSCP508, BSCCo shall:

- (a) undertake analysis of the reports and data provided to it by the SVAA under paragraph 13.7.1(d) and investigate, including seeking representations from the relevant Supplier and SVA Storage Facility Operator, whether there is any evidence suggesting that a Declaration is no longer valid either in its entirety or in respect of any Metering System to which that Declaration relates;

- (b) having regard to any representations made under paragraph 13.7.2(a), report its findings from any analysis undertaken under paragraph 13.7.2(a) to the Panel; and
- (c) provide to NETSO such data as NETSO may request in relation to an SVA Storage Facility as is reasonably necessary to enable it to achieve assurance that TNUOS and/or BSUOS charges are calculated accurately.

13.7.3 BSCCo shall undertake the analysis and investigations referred to in paragraph 13.7.2(a) following receipt of a report from the SVAA pursuant to paragraph 13.7.1(c) or otherwise where notified by the Panel, a Party, SVA Storage Facility Operator or interested persons pursuant to BSCP508.

13.8 Powers of the Panel

13.8.1 In order to provide assurance that the provisions of this paragraph 13 have been complied with including with respect to the validity of Declarations and the accuracy and completeness of data and information submitted pursuant to this paragraph 13, the Panel shall be entitled to:

- (a) receive such reports, information and data as it considers reasonably necessary; and
- (b) require BSCCo to undertake analysis or investigations of such reports, information and data pursuant to paragraph 13.7.2.

13.8.2 Following a report by BSCCo under paragraph 13.7.2(b), the Panel may require Metering System(s) to be excluded from a Declaration or a Declaration to be invalidated in its entirety in which case:

- (a) the SVAA shall amend the SVA Storage Facilities Register accordingly; and
- (b) for the purposes of the calculations undertaken by the SVAA under this paragraph 13, a reference to an SVA Storage Facility shall be deemed to exclude such Metering Systems as from such date determined by the Panel.

ANNEX X-1: GENERAL GLOSSARY (V87.0)

Insert the following new definitions in alphabetical order:

<u>"Balancing Services Use of System Charges" or "BSUoS":</u>	<u>has the meaning given to that term in the CUSC;</u>
<u>"Connection and Use of System Code" or "CUSC":</u>	<u>has the meaning given to the term "CUSC" in the Transmission Licence;</u>
<u>"Declaration":</u>	<u>means a declaration made by an SVA Storage Facility Operator in respect of an SVA Storage Facility in accordance with BSCP508;</u>
<u>"SVA Storage Facility":</u>	<u>has the meaning given to that term in the CUSC;</u>
<u>"SVA Storage Facility Operator":</u>	<u>has the meaning given to that term in the CUSC;</u>

"SVA Storage Facilities Register":

means the register of SVA Storage Facilities maintained by the SVAA;

"Transmission Network Use of System Charges" or "TNUoS":

has the meaning given to that term in the CUSC;

ANNEX X-2: TECHNICAL GLOSSARY (V44.0)

Insert the following new subscript into Table X-4:

K' refers to a Metering System associated with an SVA Storage Facility;

Insert the following new definitions into Table X-6:

<u>Allocated Supplier's Storage Metering System Metered Consumption</u>	<u>ASSMMC_{HZaNLK'i}</u>	<u>kWh</u>	<u>The half hour metered Consumption of a SVA Metering System registered in the SVA Storage Facilities Register determined pursuant to paragraph 13.5.1 of Annex S-2.</u>
<u>BM Unit's Storage Metered Consumption</u>	<u>BSMC_{iaNLj}</u>	<u>MWh</u>	<u>The half hourly metered Consumption, determined by the SVAA pursuant to paragraph 13.5.5 of Annex S-2.</u>
<u>BM Unit's Storage Metered Consumption (Losses)</u>	<u>BSMCL_{iaNLj}</u>	<u>MWh</u>	<u>The line losses determined by the SVAA as resulting from the BM Unit's Storage Metered Consumption pursuant to paragraph 13.5.7 of Annex S-2.</u>
<u>Half Hourly Storage Consumption (Losses)</u>	<u>SCLOSS_{iNj}</u>	<u>MWh</u>	<u>In respect of an SVA Storage Facility, the half hourly Consumption for a Consumption Component Class which is defined as line losses, determined pursuant to paragraph 13.5.8 of Annex S-2.</u>
<u>Half Hourly Storage Consumption (Non Losses)</u>	<u>SC_{iNj}</u>	<u>MWh</u>	<u>In respect of an SVA Storage Facility, the half hourly Consumption for a Consumption Component Class which is defined as not being line losses, determined pursuant to paragraph 13.5.6 of Annex S-2.</u>
<u>Period BM Unit Gross Storage Demand</u>			<u>The quantity established in accordance with paragraph 13.5.10 of Annex S-2.</u>
<u>Supplier's Storage Metered Consumption</u>	<u>SSMC_{HZaNi}</u>	<u>MWh</u>	<u>The half hourly metered Consumption in respect of an SVA Storage Facility, determined by the SVAA pursuant to paragraph 13.5.3 of Annex S-2.</u>

<u>Supplier's Storage Metered Consumption (Losses)</u>	<u>SSMCL_{HZaNLj}</u>	<u>MWh</u>	<u>The line losses determined the SVAA as resulting from the Supplier's Storage Metered Consumption pursuant to paragraph 13.5.4 of Annex S-2.</u>
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Insert the following new acronyms into Table X-7:

<u>ASSMMC_{HZaNLK'j}</u>	<u>Allocated Supplier's Storage Metering System Metered Consumption</u>
<u>BMSMC_{iaNLj}</u>	<u>BM Unit's Storage Metered Consumption</u>
<u>BMSMCL_{iaNLj}</u>	<u>BM Unit's Storage Metered Consumption (Losses)</u>
<u>SCLOSS_{inj}</u>	<u>Half Hourly Storage Consumption (Losses)</u>
<u>SC_{inj}</u>	<u>Half Hourly Storage Consumption (Non Losses)</u>
<u>SSMC_{HZaNj}</u>	<u>Supplier's Storage Metered Consumption</u>
<u>SSMCL_{HZaNLj}</u>	<u>Supplier's Storage Metered Consumption (Losses)</u>

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
AAAF _{KR}	Annualised Advance Adjustment Factor
AAFYC _{HPC}	Alternative Average Fraction of Yearly Consumption
AA _{KR}	Annualised Advance