



CP1280 – Proposed Changes to BSCP508 Supplier Volume Allocation Agent v16.0

Please note that this is a redlined extract of BSCP508, and as a result the footnote numbering will differ from that in the full document.

Please also note that step 13.3.1 below refers to D[tbc] – this denotes a DTC flow number (for a new data flow) which is yet to be determined. The redlining will be updated with the correct flow number once this is known.

Redlined changes to BSCP508 as follows:

1. Introduction

1.1 Scope and Purpose of the Procedure

[NO CHANGE PROPOSED TO THIS SECTION]

1.2 Main Users of Procedure and their Responsibilities

This BSC Procedure should be used in the main by the SVAA.

However, the following organisations will also require input from or output to the SVAA:

<u>Process / Application System</u>	<u>Organisations</u>
(i) Temperature / Sunset data	Temperature Provider / Sunset Provider
(ii) Regression equations	BSCCo
(iii) Teleswitch messages	Teleswitch Agent
(iv) EAC/AA Calculation	Non-Half Hourly Data Collectors (NHHDCs)
(v) Non-Half Hourly Data Aggregation	NHHDA
(vi) Supplier Meter Registration Services (SMRS)	SMRAs
(vii) HH Data Aggregation	HHDA
(ix) GSP Group Take	CDCA
(x) Supplier Reconciliation (inc. DUoS)	Suppliers
(xi)	TUoS Billing Transmission Company - Ancillary Services Provider (ASP)
(xii) DUoS Billing	Transmission Company - TUoS LDSO
(xiii) MDD Management	MDDM
(xiv) Qualification information	Qualification Service Provider
(xv) Re-calculate EAC and AFYC values	NHHDCs, Suppliers.
(xvi) National Help Desk	SVAA
(xvii) BM Unit Data	CRA
(xviii) Supplier Take	SAA

The DUoS data provided to each LDSO will consist of:

- i. Aggregated metering data (i.e. D0030 data flows) for NHH Metering Systems connected to their own Distribution System(s); and
- ii. Aggregated metering data (i.e. D0030 and/or D0036 data flows) for NHH and/or HH Metering Systems connected to the Distribution System(s) of Embedded LDSOs, where the Embedded LDSO has notified SVAA of the requirement to report that data. Section 3.13 of this BSCP describes the process for making such notifications to SVAA..

The SVA System will apply version controls to all data received. All data received will have a date and version stamp attached to it.

1.3 Use of the Procedure

[NO CHANGE PROPOSED TO THIS SECTION]

1.4 Balancing and Settlement Code Provision

[NO CHANGE PROPOSED TO THIS SECTION]

1.5 Associated BSC Procedures

[NO CHANGE PROPOSED TO THIS SECTION]

1.6 Acronyms and Definitions

1.6.1 Acronyms

[NO CHANGE PROPOSED TO THIS SECTION]

1.6.2 Definitions

Full definitions of the above acronyms are, where appropriate, included in the Balancing and Settlement Code.

<u>Embedded LDSO</u>	<u>An LDSO operating an independent distribution network connected to a Host LDSO's distribution network¹.</u>
	<u>This includes both independent LDSOs and Host LDSOs that are operating outside their geographical area.</u>
<u>Host LDSO</u>	<u>An LDSO operating a distribution network that is directly connected to the Transmission System.</u>
<u>Mapping File</u>	<u>Details provided to SVAA by an Embedded LDSO of which NHH Line Loss Factor Classes and/or HH Metering Systems are relevant to each Host LDSO.</u>

¹ An Embedded LDSO may also operate an independent distribution network that is connected to Host LDSO's distribution network via another Embedded LDSO's network (known as a nested network).

[NO CHANGES PROPOSED TO SECTION 2 OR SECTION 3.1]



3.2 Initial Volume Allocation Run for Settlement Day²

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
<u>3.2.1</u>	<u>Following receipt of relevant HH meter data from HHDC</u>	<u>Send to SVAA a copy of HH meter data received from HHDC.</u> <u>Note that this requirement applies only to HH Metering Systems for which the Embedded LDSO has agreed to provide metering data to the Host LDSO. The MSID of such Metering Systems should be notified to SVAA in accordance with 3.13.</u>	<u>Embedded LDSO</u>	<u>SVAA</u>	<u>D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix.</u> <u>and/or</u> <u>D0275 Validated Half Hourly Advances.</u>	<u>Electronic or other method as agreed.</u>
<u>3.2.2</u>	By SD+14.	Send aggregated HH meter data, in clocktime, in MWh, for MSIDs to which DA is appointed in SMRS.	HHDA.	SVAA.	D0040 Aggregated Half Hour Data File (BM Unit(s) not supported) or D0298 BM Unit Aggregated Half Hour Data File (BM Unit(s) supported).	Electronic or other method as agreed.
<u>3.2.23</u>	By SD+14.	Send SPM data (EACs/AAs values) in MWh, for MSIDs to which DA is appointed in SMRS.	NHHDA.	SVAA.	D0041 Supplier Purchase Matrix Data File.	Electronic or other method as agreed.
<u>3.2.34</u>	Before invoking run.	Load and validate incoming DA files. Check that DA files expected have been received : a) If file expected but not received, ask DA to send file.	SVAA.	HHDA,	Appendix 4.1 – Validate Incoming Data. P0034 Missing Data.	Internal Process.

² If a dispute is required to be raised refer to BSCP11.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
	At least 4 working hours before deadline of SD+14. By SD+14.	Send file to SVAA.	SVAA. HHDA. NHHDA.	NHHDA SVAA.	Refer to the dataflow listed in 3.2. 42 . Refer to the dataflow listed in 3.2. 32 .	Electronic or other method as agreed. Electronic or other method as agreed.
3.2. 34 (Cont/d.)	Within 2 working hours of notification received from SVAA.	b) If file invalid for reason other than standing data mismatch ³ , ask DA to send correct file. Send correct file to SVAA.	SVAA. HHDA. NHHDA.	HHDA, NHHDA. SVAA.	P0035 Invalid Data. Refer to the dataflow listed in 3.2. 24 . Refer to the dataflow listed in 3.2. 32 .	Electronic or other method as agreed. Electronic or other method as agreed.
		Re-load and validate DA files.	SVAA.			Internal Process.
3.2. 45	By SD+14.	Send GSP Group Take data.	CDCA.	SVAA.	P0012 GSP Group Take Data File.	Electronic or other method as agreed.
3.2. 56	Following 3.2. 56 .	Send acknowledgement confirming receipt of the GSP Group Take data.	ISRA.	CDCA.	P0183 Stage 2 NETA Acknowledgement Message.	Electronic or other method as agreed.

³ The SVAA standing data will be automatically amended to agree with the data provided by the Data Aggregator by the SVAA software (BSCP507).

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.67	Immediately following CDCA deadline. Within 1 working hour of receipt of notification from SVAA.	Load and validate incoming CDCA data. a) If CDCA data missing, notify CDCA and await submission of data. Send CDCA data to SVAA. b) If CDCA data invalid, contact the Panel and carry out action as agreed with Panel.	SVAA. SVAA. CDCA. SVAA.	CDCA. SVAA. Panel.	Appendix 4.1 – Validate Incoming Data. P0034 Missing Data. Refer to the dataflow listed in 3.2.56.	Internal Process. Manual Process. Electronic or other method as agreed. Manual Process.
3.2.78	From 9:00 am on SD+15.	Invoke run ⁴ : Review the DA files and check that the expected files have been received : a) If file does not match expected details	SVAA.		Appendix 4.1 - Validate Incoming Data.	Internal Process.

⁴ If more than one file is received from the sender, the SVAA will use the file with the latest creation timestamp in the run. The SVA System must store data relating to the latest Settlement and its associated Initial Volume Allocation Run for each Settlement Day for the subsequent reporting. The following data items cannot be modified once the Initial Volume Allocation Run has taken place – SSC, Profile Class, Measurement Requirement, Valid SSC Profile Class, Valid Measurement Requirement Profile Class. However, the following data items can be modified once the Initial Volume Allocation Run has taken place, subject to authorisation – Supplier, Supplier in GSP Group, DA, DA in GSP Group, GSP Group Correction Scaling Factor, LLFC and Settlement Period LLF.

⁵ The NHD will request second line support from SVAA to resolve the validation errors.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
		<p>modify the standing data for this Settlement Day only and where appropriate re-load and validate data.</p> <p>Inform NHD.</p> <p>NHD logs call.</p> <p>b) If file not received as expected, default data.</p> <p>Retrieve all input data for use in Initial Volume Allocation Run.</p>	<p>SVAA.</p> <p>SVAA.</p> <p>NHD⁵.</p> <p>SVAA.</p> <p>SVAA.</p>	<p>NHD.</p>		<p>Internal Process.</p> <p>Electronic or other method as agreed.</p> <p>Internal Process.</p> <p>Internal Process.</p> <p>Internal Process.</p>
3.2.98	If data defaulted for use in run, by SD+15.	Send relevant notification to each of the parties listed that default data to be used in Initial Volume Allocation Run.	SVAA.	Suppliers.	<p>P0036 Default Data (relating to DA defaults only).</p> <p>P0036 Default Data (relating to</p>	Manual Process.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
				LDSO Panel.	LLF defaults only). P0036 Default Data (relating to all defaults excluding Base BM Unit data).	
3.2.109	After 3.2.8+0.	Calculate the Supplier Deemed Take ⁶ .	SVAA.		<p><u>Base BM Unit Allocation :</u> Allocate Base BM Unit per Supplier if no BM Unit nominated by Supplier or if invalid BM Unit received.</p> <p><u>Profile and Line Loss Adjust SPM :</u></p> <ol style="list-style-type: none"> 1. Allocate NHH BMU(s) for nominated Supplier(s). 2. Profile SPM data. 3. Aggregate Profiled data. 4. Adjust for Line Losses. <p><u>Supplier Deemed Take :</u></p> <ol style="list-style-type: none"> 1. Calculate and apply GSP Group Correction Factor. 2. Calculate Supplier Deemed Take by BM Unit. 3. Produce the Transmission Company reports by Supplier. 4. Produce DUoS Report by Supplier and LDSO 5. Produce BM Unit Supplier Take Energy Volume Data File. 	Internal Process.
3.2.110	To arrive by 9:00am on SD+16.	Send BM Unit Supplier Take Energy Volume Data File.	SVAA.	SAA.	P0182 BM Unit Supplier Take Energy Volume Data File.	Electronic or other method as agreed.

⁶ The SVA System will allow for the energy volume total to be either negative or positive (ie. negative consumption totals should not be treated as spill and should not be allocated to other Suppliers).

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1 2 ⁴	After 3.2.1 1 ² .	Send acknowledgement confirming receipt of the BM Unit Supplier Take Energy Volume Data File.	SAA.	SVAA.	P0183 Stage 2 NETA Acknowledgement Message.	Electronic or other method as agreed.
3.2.1 3 ²	After 3.2.1 3 ³ and prior to 3.2.1 3 ⁵ and if problem with file.	Send notification that problem with file.	SAA	SVAA.	P0187 SAA Data Exception Report.	Manual Process.
3.2.1 4 ³	To arrive before 12:30 on SD+16.	Send relevant Transmission Company reports.	SVAA.	Transmission Company.	P0210 TUoS Report (HH/NHH Split).	Electronic or other method as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1 ⁵⁴	By SD+17.	Send remaining Initial Volume Allocation Run Reports to the LDSO and Suppliers.	SVAA.	LDSO. Suppliers.	D0030 Non Half Hourly DUoS Report. ⁷ <u>D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix</u> . ⁸ D0030 Non Half Hourly DUoS Report. D0043 Supplier Deemed Take Report. D0079 Supplier Purchase Report. D0081 Supplier Half Hourly Demand Report. D0082 Supplier – Supplier Purchase Matrix Report. D0266 Supplier Settlement Header Report. D0276 GSP Group Consumption Totals Report. D0296 Supplier BM Unit Report ⁹ .	Electronic or other method as agreed.

⁷ Each LDSO will receive a single D0030 dataflow containing data for all the GSP Groups in which the LDSO is operating. In addition they will receive D0030 data for any Embedded LDSOs who have instructed SVAA to provide such data in accordance with 2.13.

⁸ Host LDSOs will receive a D0036 dataflow containing aggregated metering data for HH Metering Systems for any Embedded LDSOs who have instructed SVAA to provide such data in accordance with 2.13.

⁹ This dataflow is optional and is only sent by the SVAA if the Supplier requests the dataflow via the NHD.

3.3 Timetabled Reconciliation Volume Allocation Run(s) for a Settlement Day (post Initial Volume Allocation Run)¹⁰

REF	WHEN ^{11 12}	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
<u>3.3.1</u>	<u>Following receipt of relevant HH meter data from HHDC</u>	<u>Send to SVAA a copy of HH meter data received from HHDC.</u> <u>Note that this requirement applies only to HH Metering Systems for which the Embedded LDSO has agreed to provide metering data to the Host LDSO. The MSID of such Metering Systems should be notified to SVAA in accordance with 3.13.</u>	<u>Embedded LDSO</u>	<u>SVAA</u>	<u>D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix.</u> <u>and/or</u> <u>D0275 Validated Half Hourly Advances.</u>	<u>Electronic or other method as agreed.</u>
3.3.2 4	By T-6WD.	Send revised aggregated HH meter data in clocktime, in MWh for MSIDs to which DA is appointed in SMRS.	HHDA.	SVAA.	D0040 Aggregated Half Hour Data File (BM Unit(s) not supported) or D0298 BM Unit Aggregated Half Hour Data File (BM Unit(s) supported).	Electronic or other method as agreed.
<u>3.3.32</u>	By T-6WD.	Send SPM data (EACs/AAs values) in MWh, for MSIDs to which DA is appointed in SMRS.	NHHDA	SVAA.	D0041 Supplier Purchase Matrix Data File.	Electronic or other method as agreed.

¹⁰ If a dispute is required to be raised refer to BSCP11.

¹¹ T is the Payment Date and this relates to the Settlement Day. All Timetabled Reconciliation Volume Allocation Runs take place a number of Working Days prior to the financial transfers (which take place on the Payment Date) between the FAA and Parties' Banks.

¹² All timescales up to and including the sending of the BM Unit Supplier Take Energy Volume Data File to the SAA are dependent on the SVAA Calendar.

3.3. 43	<p>Before invoking run.</p> <p>At least 4 working hours before T-6WD.</p> <p>By T-6WD.</p>	<p>Load and validate incoming DA files. Check that DA files expected have been received :</p> <p>a) If file expected but not received, ask DA to send file.</p> <p>Send file to SVAA.</p>	<p>SVAA.</p> <p>SVAA.</p> <p>HHDA. NHHDA.</p>	<p>HHDA, NHHDA.</p> <p>SVAA.</p>	<p>Appendix 4.1 – Validate Incoming Data.</p> <p>P0034 Missing Data.</p> <p>Refer to the dataflow listed in 3.3.24.</p> <p>Refer to the dataflow listed in 3.3.23.</p>	<p>Internal Process.</p> <p>Electronic or other method as agreed.</p> <p>Electronic or other method as agreed.</p>
3.3. 43 (Cont/d).	<p>Within 2 working hours of notification received from SVAA.</p>	<p>b) If file invalid for reason other than standing data mismatch¹³, ask DA to send correct file.</p> <p>Send correct file to SVAA.</p>	<p>SVAA.</p> <p>HHDA. NHHDA.</p>	<p>HHDA, NHHDA.</p> <p>SVAA.</p>	<p>P0035 Invalid Data.</p> <p>Refer to the dataflow listed in 3.3.24.</p> <p>Refer to the dataflow listed in 3.3.32.</p>	<p>Electronic or other method as agreed.</p> <p>Electronic or other method as agreed.</p>
		<p>Re-load and validate DA files.</p>	<p>SVAA.</p>			<p>Internal Process.</p>

¹³ The SVAA standing data will be automatically amended to agree with the data provided by the Data Aggregator by the SVAA software (BSCP507).

3.3. 65 ⁵⁴	By T-6WD.	Send GSP Group Take data.	CDCA.	SVAA.	P0012 GSP Group Take Data File.	Electronic or other method as agreed.
3.3. 54 ⁶⁵	Following 3.3.6.	Send acknowledgement confirming receipt of the GSP Group Take data.	SVAA.	CDCA.	P0183 Stage 2 NETA Acknowledgement Message.	Electronic or other method as agreed.

3.3.76	By T-5WD.	Load and validate incoming CDCA data. If CDCA data missing or invalid then default data.	SVAA.		Appendix 4.1 – Validate Incoming Data.	Internal Process.
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3.3.87	By T-5WD.	<p>Invoke run¹⁴ :</p> <p>Review the DA files and check that the expected files have been received :</p> <p>a) If file does not match expected details modify the standing data for this Settlement Day only and where appropriate, re-load and validate data.</p> <p>Inform NHD.</p> <p>NHD logs call.</p> <p>b) If file not received as expected, default data.</p> <p>Retrieve all input data for use in Timetabled Reconciliation Volume Allocation Run.</p>	SVAA.		Appendix 4.1 – Validate Incoming Data.	Internal Process.
			SVAA.	NHD.		Internal Process.
			SVAA.			Electronic or other method as agreed.
			NHD ¹⁵ .			Internal Process.
			SVAA.			Internal Process.
			SVAA.			Internal Process.

¹⁴ If more than one file received from the sender, the SVAA will use the file with the latest creation timestamp in the run. The SVA System must store data relating to the latest SVAA.

3.3.98	If data defaulted for use in run, by T-5WD.	Send relevant notification to each of the parties listed that default data to be used in the Timetabled Reconciliation Volume Allocation Run.	SVAA ¹⁶ .	Suppliers. LDSO Panel.	P0036 Default Data (relating to DA defaults only). P0036 Default Data (relating to LLF defaults only). P0036 Default Data (relating to all defaults excluding Base BM Unit data).	Manual Process.
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Settlement and its associated Reconciliation Volume Allocation Run for each SD, for subsequent reporting.

¹⁵ The NHD will request second line support from SVAA to resolve the validation errors.

¹⁶ If CDCA data is to be defaulted, the SVAA will not report that this data is being defaulted to any of the parties listed in this step.

3.3.109	By T-5WD.	Calculate the Supplier Deemed Take ¹⁷ .	SVAA.		<p><u>Base BM Unit Allocation :</u></p> <p>Allocate Base BM Unit per Supplier if no BM Unit nominated by Supplier or if invalid BM Unit received.</p> <p><u>Profile and Line Loss Adjust SPM :</u></p> <ol style="list-style-type: none"> 1. Allocate NHH BMU(s) for nominated Supplier(s). 2. Profile SPM data. 3. Aggregate Profiled data. 4. Adjust for Line Losses. <p><u>Supplier Deemed Take :</u></p> <ol style="list-style-type: none"> 1. Calculate and apply GSP Group Correction Factor. 2. Calculate <u>Supplier Deemed Take</u>, by BM Unit. 3. Produce the Transmission Company reports by Supplier. 4. Produce DUoS Report by Supplier and LDSO 5. Produce BM Unit Supplier Take Energy Volume Data File. 	Internal Process.
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¹⁷ The SVA System will allow for the energy volume total to be either negative or positive (ie. negative consumption totals should not be treated as spill and should not be

3.3.1 10	For receipt by 09:00hrs on T-4WD.	Send BM Unit Supplier Take Energy Volume Data File.	SVAA.	SAA.	P0182 BM Unit Supplier Take Energy Volume Data File.	Electronic or other method as agreed.
3.3.1 24	After 3.3.1 02 .	Send acknowledgement confirming receipt of the BM Unit Supplier Take Energy Volume Data File.	SAA.	SVAA.	P0183 Stage 2 NETA Acknowledgement Message.	Electronic or other method as agreed.
3.3.1 32	After 3.3.1 13 and prior to 3.3.1 35 and if problem with file.	Send notification that problem with file.	SAA.	SVAA ¹⁸ .	P0187 SAA Data Exception Report.	Manual Process.

allocated to other Suppliers).

¹⁸ Following receipt of this dataflow, the SVAA will investigate the problem and notify the Panel of the outcome of the investigation.

3.3.1 43	By 12:30hrs on T-4WD.	Send relevant Transmission Company reports.	SVAA.	Transmission Company.	P0210 TUoS Report (HH/NHH Split).	Electronic or other method as agreed.
3.3.1 54	By T-3WD.	Send remaining Timetabled Reconciliation Volume Allocation Run Reports to the LDSO and Suppliers.	SVAA.	LDSO. Suppliers.	D0030 Non Half Hourly DUoS Report. ¹⁹ <u>D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix</u> . ²⁰ D0030 Non Half Hourly DUoS Report. D0043 Supplier Deemed Take Report. D0079 Supplier Purchase Report. D0081 Supplier Half Hourly Demand Report. D0082 Supplier – Supplier Purchase Matrix Report. D0266 Supplier Settlement Header Report. D0276 GSP Group Consumption Totals Report. D0296 Supplier BM Unit Report ²¹	Electronic or other method as agreed.

[NO CHANGES PROPOSED TO SECTIONS 3.4 TO 3.12 INCLUSIVE]

¹⁹ Each LDSO will receive a single D0030 dataflow containing data for all the GSP Groups in which the LDSO is operating. In addition they will receive D0030 data for any Embedded LDSOs who have instructed SVAA to provide such data in accordance with 2.13.

²⁰ Host LDSOs will receive a D0036 dataflow containing aggregated metering data for HH Metering Systems for any Embedded LDSOs who have instructed SVAA to provide such data in accordance with 2.13.

²¹ This dataflow is optional and is only sent by the SVAA if the Supplier requests the dataflow via the NHD.

3.13 Notify SVAA of Embedded LDSO DUoS Reporting Requirements

This process allows an Embedded LDSO to instruct SVAA to provide aggregated metering data to the Host LDSO. The Embedded LDSO would typically use this process when:

- The requirement to send metering data to a Host LDSO is first identified; or
- There is a change to the list of Line Loss Factor Classes and/or Half Hourly Metering Systems relevant to that Host LDSO

<u>REF</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
3.13.1	As required.	Send Mapping File i.e. details of which NHH Line Loss Factor Classes and/or HH Metering Systems are relevant to which Host LDSO	Embedded LDSO	SVAA	D[tbc] Embedded LDSO Mapping File	Electronic or other method as agreed.

[NO CHANGES PROPOSED TO SECTION 4]