Redlined Text from BSCP515 v4.0 for DCP0006 v1.0

1. Introduction

1.1 Purpose and Scope of the Procedure

This BSC Procedure (BSCP) defines a number of specific processes that Licensed Distribution System Operators (LDSOs) will use in order to carry out ongoing distribution obligations required by the BSC.

It describes the ~~methods by which new LDSOs will enter the market for the first time, the expansion of existing Distribution Businesses into other GSP (Grid Supply Point) Groups, and the~~ obligations applicable to LDSOs in relation to industry process, e.g. new connections, de-energisations and disconnections of Supplier Volume Allocation (SVA) and/or Central Volume Allocation (CVA) Metering Systems.

The purpose of this BSCP is to describe the high-level requirements of LDSOs and their relationship with other market participants such as the Suppliers, Supplier Meter Registration Agents (SMRAs) and the SVA Agent.

It is expected that LDSOs will liaise with other LDSOs to help establish correct LLFs and Aggregation Rules details

1.2 - no change

1.3 Use of the Procedure

The remaining sections in this document are:

Section 2 – Workflow Diagrams: this section reflects the business processes of this BSCP in diagrammatic format. Each box within a business process has a cross-reference to Section 3.

Section 3 – Interface and Timetable Information: this section defines in more detail the requirements of each business process, as displayed in Section 2.

Section 4 – Appendices: this section contains additional information relating to ~~Distribution Systems~~CT and VT data.

1.4 – no change

1.5 – no change

1.6 – no change

3.1 This section is no longer in use ~~Distribution Business Preparing to Operate~~

~~The following process describes the steps required by new LDSOs in order to prepare for commencement of distribution operations. The process is complete when all the necessary bodies have been established and where required, registered and accredited.~~

~~REF~~	~~WHEN~~	~~ACTION~~	~~FROM~~	~~TO~~	~~INFORMATION REQUIRED~~	~~METHOD~~
~~3.1.1~~	~~As determined by the Applicant LDSO.~~	~~Carry out BSC Party Registration process.~~	~~Applicant LDSO.~~	~~BSCCo.~~	~~BSCP65 Registration of Parties and Exit Procedures.~~	~~BSCP65.~~
~~3.1.2~~	~~Following successful Party application or in conjunction with becoming a Party.~~	~~Establish or procure a service provider to operate an SMRS in one or more GSP Groups as required by LDSO.~~	~~LDSO.~~	~~SMRA.~~		~~Internal Process.~~
~~3.1.3~~	~~Following 3.1.2.~~	~~Provide Market Participant ID and Role Codes (Distributor and SMRA) to BSCCo for inclusion in Market Domain Data (MDD) in accordance with BSCP509.~~	~~LDSO.~~	~~BSCCo.~~	~~BSCP509 Changes to Market Domain Data.~~	~~BSCP509.~~
~~3.1.4~~	~~At same time as 3.1.3.~~	~~Instruct SMRA to undergo Accreditation and Certification procedures.~~	~~LDSO.~~	~~SMRA.~~	~~BSCP531 Accreditation.~~	~~BSCP531.~~
~~3.1.5~~	~~At same time as 3.1.3.~~	~~Instruct SMRA to undergo Entry Process procedures.~~[1]	~~LDSO.~~	~~SMRA.~~	~~BSCP511 Entry Process – Supplier Meter Registration Service.~~	~~BSCP511.~~

[1] ~~Note that the SMRA Entry Process cannot be completed until the SMRA has been successfully Accredited.~~

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.6	Following successful completion of steps 3.1.1 to 3.1.5.	Instruct SMRA to carry out all further operations in accordance with BSCP501.	LDSO.	SMRA.	BSCP501 Supplier Meter Registration Service.	BSCP501.
3.1.7	Following 3.1.6 and if necessary.	Provide Unmetered Supplies services in accordance with BSCP520.	LDSO.		BSCP520 Unmetered Supplies Registered in SMRS.	BSCP520.

3.2 This section is no longer in use. ~~Distribution Business Beginning Operations for a New Distribution System~~

~~The following process describes the steps required by LDSOs establishing new Distribution Systems within specific GSP Groups. For new LDSOs the process can only be started once they have completed the preparations in Section 3.1. For existing LDSOs, each must ensure that an SMRS has been approved for operation in multiple GSP Groups~~.

~~REF~~	~~WHEN~~	~~ACTION~~	~~FROM~~	~~TO~~	~~INFORMATION REQUIRED~~	~~METHOD~~
~~3.2.1~~	~~At any time and if required.~~	~~Issue notice to BSCCo of intention to operate a new Distribution System in a specified GSP Group.~~	~~LDSO.~~	~~BSCCo.~~	~~GSP Group ID and other relevant details for the new Distribution System.~~	~~Fax/Email/Letter.~~
~~3.2.2~~	~~On receipt of 3.2.1.~~	~~Inform Suppliers of new Distribution System~~	~~BSCCo.~~	~~All Suppliers.~~	~~GSP Group ID and other relevant details for the new Distribution System.~~	~~BSC Website/Email.~~
~~3.2.3~~	~~Following 3.2.1 and if this is the first Distribution System for the LDSO within the specified GSP Group.~~	~~Establish LDSO-GSP Group relationship in MDD by providing Market Participant ID, Market Participant Role and GSP Group information in accordance with BSCP509.~~	~~LDSO.~~	~~BSCCo.~~	~~Market Participant ID, Market Participant Role, GSP Group ID, Effective From date.~~	~~BSCP509.~~
~~3.2.4~~	~~If required, and prior to submission of Line Loss Factors.~~	~~Request new non-Settlement Distribution System connection for connection to existing Distribution System.~~	~~LDSO.~~	~~Other LDSO(s).~~	~~Line loss information for the route back to the GSP. This information is agreed between the two LDSOs and is not submitted to the Panel for approval in accordance with BSCP28 or BSCP528.~~	~~Fax/Email/Letter.~~

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.5	For SVA Metering and at least 40WD prior to new/revised LLF effective date.	Provide LLF information to BSCCo for Panel approval in accordance with BSCP528.	LDSO.	BSCCo.	BSCP528 SVA Line Loss Factors for Half Hourly and Non Half Hourly Metering Systems Registered in SMRS. These factors are to include adjustments for the line loss information obtained in step 3.2.3.	BSCP528.
3.2.6	If required, prior to effective date of MTC related data.	Request new/revised MTC related data.[2]	LDSO.	BSCCo.	BSCP509 Changes to Market Domain Data.	BSCP509.

[2] The MTC related data are MDD entities 52-58 as defined in BSCP509.

3.3 New SVA Metering System

The establishment of a new SVA Metering System may arise as a result of a number of circumstances including the following:

- new connection to be registered in SMRS;
- new connection for a Metering System associated with an Exempt~~i~~able Generating Plant where the Export Meter(s) is registered in CMRS; and
- transfer of Metering System registration from CMRS to SMRS (the procedure for this process is set out in BSCP68).

The procedures to be followed by the LDSO differ depending on the circumstances. In all cases, however, LDSOs should consider whether any changes are required to LLFs, LLFCs, and MTC-related MDD entities as a result of new SVA Metering System.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
~~For new SVA connections~~						
3.3.1	Where the new connection is a Metering System which is associated with Exemptable Generating Plant with the Export Meter(s) Registered in CMRS Within 2WD of completion of works associated with a new connection, or LDSO's agreement with Supplier to register a new MSID.	Notify new MSID data	LDSO	SMRA	MSID, GSP Group Id, LDSO Id, LLF Class Id[3], 1998 TA Indicator (and Metering Point Address is required by MRA).	BSCP501

[3] LLF Class Id will contain the actual LLF Class Id or, where this is not known, the default LLF Class Id.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.2~~1~~	For all other Metering systems. Within 2WD of completion of works associated with a new connection, or LDSO's agreement with Supplier to register a new MSID.	Notify new MSID data. ~~Establish new connection and notify SMRA of new MSID data in accordance with the relevant section of BSCP501.~~	LDSO.	SMRA.	MSID, GSP Group Id, LLF Class Id[4], 1998 TA Indicator (and Metering Point Address is required by MRA).~~BSCP501 Supplier Meter Registration Service.~~	Electronic or other method, as agreed. ~~BSCP501.~~
3.3.3	On successful validation and within 1WD[5] of 3.2.1.	Notify Settlement liability for New MSID.	SMRA.	LDSO.	Supplier Id, MSID, DA Id[6], DC Id and Supply Start Date.	Electronic or other method, as agreed.
3.3.4~~2~~	As required.[7]	Request Site Technical Details.	MOA.	LDSO.	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed.
3.3.5~~3~~	Within 5WD of 3.3.2.	Provide Site Technical Details.	LDSO.	MOA.	D0215 Provision of Site Technical Details.	Electronic or other method, as agreed.
3.3.6~~4~~	Within 5WD (for HH) or 10WD (for NHH) of installation and commissioning of Metering System by MOA.	Provide Meter Technical Details.	MOA.	LDSO.	D0149 Notification of Mapping Details, D0150 Non Half Hourly Meter Technical Details. (for NHH Metering Systems) OR D0268 Half Hourly Meter Technical Details. (for HH Metering Systems)	Electronic or other method, as agreed.
~~For registration transfers from CMRS to SMRS~~						

[4] LLF Class Id will contain the actual LLF Class Id or, where this is not known, the default LLF Class Id.
[5] For notifications received before 18:00 on a Working Day, SMRA will reply by 06:00 on the next Working Day.
[6] Agent Ids (DC/DA) and other marked items are not mandatory for a Supplier to register liability whilst the Energisation Status has not been provided.
[7] Note that a Supplier must have appointed an MOA for that Metering System before step 3.3.4~~2~~ can occur.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
~~3.3.5~~	~~At least 30WD prior to effective from date~~	~~Inform LDSO of intended registration transfer.~~ ~~Proceed in accordance with BSCP68.~~	~~Transfer Co-ordinator.~~	~~LDSO.~~	~~BSCP68 Transfer of Registration of Metering Systems between CMRS and SMRS.~~	~~BSCP68.~~

3.4 New CVA Metering System

Refer to Appendix 4 for further details regarding the LDSO's role in submitting CVA data into Settlement following a new connection.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.1	Following request or for any other reason.	Establish new connection in accordance with the relevant connection agreement.	LDSO.			Internal Process.
3.4.2	If required, a) at least 20WD before Registration Effective From Date of new connection, or b) at least 40WD before Registration Effective From Date of new connection if new LLFs are intended to be effective from that date.	Register new Systems Connection Point or Boundary Point in accordance with BSCP25.	LDSO.[8]	CRA.	BSCP25 Registration of Metering Systems for Central Volume Allocation.	BSCP25
3.4.3	At least 40WD before Registration Effective From Date of Metering System.[9]	Register new Metering System with CRA in accordance with BSCP20.	Registrant.	CRA.	BSCP20 Registration of Metering Systems for Central Volume Allocation.	BSCP20.

[8] The registration of a Distribution Systems Connection Point will require the consent of the other interested distributor, as detailed in BSCP20.

[9] A registration lead time of 40WD will be required if the LLFs submitted by the LDSO in step 3.4.7 are intended to become effective on and from the Metering System Effective From Date. Where this is not the case the Metering System registration lead time is 20WD as stated in BSCP20.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.4.4	At least 30WD prior to BM Unit Effective From Date.	Register BM Unit with CRA in accordance with BSCP15.	BM Unit Lead Party.	CRA.	BSCP15 BM Unit Registration.	BSCP15.
3.4.5	Following 3.4.4.	Notify LDSO of BM Unit registration where BM Unit is embedded within a Distribution System.	CRA.	LDSO.	BM Unit information including Effective From Date.	Post/Fax/Email.
3.4.6.	At any time but at least prior to 3.4.7 and 3.4.8.	Liaise with other LDSOs in GSP Group to ascertain LLFs.[10]	LDSO.	Other LDSOs.	GSP Group ID, Line Loss Factors, other relevant Distribution System information.	Fax/Email/Letter.
3.4.7	Following 3.4.6 and at least 40WD prior to LLF Effective Date.[11]	Submit LLFs to BSCCo for Panel approval in accordance with BSCP28.	LDSO.	BSCCo.	BSCP28 Approval and Notification of CVA Line Loss Factors.	BSCP28.
3.4.8	At least 20WD prior to Aggregation Rules effective date.	Submit new Aggregation Rules for each Volume Allocation Unit for which the LDSO is responsible as detailed in BSCP75.	LDSO.	CDCA.	BSCP75 Registration of Meter Aggregation Rules for Volume Allocation Units.	BSCP75.
3.4.9	Prior to the Effective Date of the Aggregation Rules and as part of 3.4.8 ~~Following 3.4.8~~	Provide a copy of the GSP Group Take Aggregation Rules to the LDSO ~~Check revised Aggregation rules for GSP Group (see BSCP75).~~	CDCA.	Nominated LDSO.	GSP Group Take Aggregation Rules from CDCA-I048 ~~GSP Group Metered Volume and GSP Group Take Aggregation Rules.~~	Fax/Letter/Email ~~BSCP75.~~
3.4.10	Following receipt of 3.4.9	Check revised Aggregation rules for GSP Group.	Nominated LDSO.		GSP Group Metered Volume and GSP Group Take Aggregation Rules.	Internal Process

[10] If required, the LDSO may make a formal request to BSCCo via BSCP41 (Report Requests and Authorisations) to receive other LDSOs' reports on an ongoing basis in order to monitor future changes that may require revisions to LLFs and Aggregation Rules.
[11] The lead time for LLF approval may be reduced at the discretion of BSCCo in accordance with BSCP28.

3.5 Energisation of a Metering System (SVA Only)[12]

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.5.1	At any time.	Issue energisation request.	Supplier.	MOA or LDSO	D0134 Request to Change Energisation Status.	Electronic or other method, as agreed.
If MOA energises						
3.5.2	Within 5WD (for HH) or 10WD (for NHH) of attempting to change energisation status.	Send change of energisation status and initial meter register reading.	MOA.	LDSO, Supplier, DC.	D0139 Confirmation or Rejection of Energisation Status Change. or For Prepayment Meters the D0179 - Confirmation of Energisation/De-energisation of a Prepayment Meter.~~see Appendix 4.5~~	Electronic or other method, as agreed.
If LDSO energises						
3.5.3	If request rejected and within 2WD of 3.5.1.	Send notification of rejection, including reasons why the request has been	LDSO.	Supplier.	D0139 Confirmation or Rejection of Energisation Status Change.	Electronic or other method, as agreed.

[12] Note that energisation of CVA Metering Systems only occurs as part of the connection process described in section 3.4.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
		rejected.			P0211 Site Visit Rejection.[13] or For Prepayment Meters the D0179 - Confirmation of Energisation/De-energisation of a Prepayment Meter. ~~see Appendix 4.5~~	Manual.
3.5.4	If request accepted and on the date requested or agreed in 3.5.1.	Energise Metering System and note initial meter register reading.	LDSO.			Internal Process.
3.5.5	Within 5WD of 3.5.4.	Send change of energisation status and the initial meter register reading.	LDSO.	MOA, Supplier.	D0139 Confirmation or Rejection of Energisation Status Change.[14] or For Prepayment Meters the D0179 - Confirmation of Energisation/De-energisation of a Prepayment Meter. ~~see Appendix 4.5~~	Electronic or other method, as agreed.

[13] The use of this data flow is optional.

[14] Where there is a failure to change the energisation status, the D0139 is sent only to the Supplier. Where the energisation status *is* changed, but a meter register reading cannot be taken, the D0139 is sent to the Supplier and the MOA, and a D0002 sent by the MOA to the DC requesting a decision on further action.

3.6 De-energisation of a Metering System (SVA Only)[15]

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.1	At any time.	Send de-energisation request.	Supplier.	MOA or LDSO	D0134 Request to Change Energisation Status	Electronic or other method, as agreed.
If MOA de-energises						
3.6.2	Within 5WD (for HH) or 10WD (for NHH) of attempting to change energisation status.	Send change of energisation status and final meter register reading.	MOA.	LDSO, Supplier, DC.	D0139 Confirmation or Rejection of Energisation Status Change.[16] or For Prepayment Meters the D0179 - Confirmation of Energisation/De-energisation of a Prepayment Meter. ~~see Appendix 4.5~~	Electronic or other method, as agreed.
If LDSO de-energises						
3.6.3	If request rejected and within 2WD of 3.6.1.	Send notification of rejection, including reasons why the request has been	LDSO.	Supplier.	D0139 Confirmation or Rejection of Energisation Status Change.	Electronic or other method, as agreed.

[15] Note that, unlike in SVA, de-energisation of CVA Metering Systems only occurs as part of the disconnection process described in section 3.8

[16] Where there is a failure to change the energisation status, the D0139 is sent only to the Supplier. Where the energisation status *is* changed, but a meter register reading cannot be taken, the D0139 is sent to the Supplier and the MOA, and a D0002 sent by the MOA to the DC requesting a decision on further action.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
		rejected.			P0211 Site Visit Rejection.[17] or For Prepayment Meters the D0179 - Confirmation of Energisation/De-energisation of a Prepayment Meter. ~~see Appendix 4.5.~~	Manual.
3.6.4	If request accepted and within 2WD of 3.6.1.	Agree time and date for de-energisation.	LDSO	MOA.	De-energisation details.	Telephone or other method, as agreed.
3.6.5	Within 2WD of 3.6.4 and before planned date for de-energistion. (HH only).	Arrange with HHDC to collect data.	MOA.	HHDC.	D0005 Instruction on Action.	Electronic or other method, as agreed.
3.6.6	On date and time agreed in 3.6.4(HH only).	Collect final HH Metered Data.	HHDC.			Internal Process.
3.6.7	Immediately following 3.6.6 (HH only).	Confirm data collection.	HHDC.	LDSO or MOA (if appropriate).	The MOA will telephone the HHDC when the MOA is on site. Following the HHDC collecting the data, the HHDC will provide confirmation to the MOA.	Telephone or other method, as agreed.

[17] The use of this data flow is optional.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.8	On the date requested or agreed in 3.6.1 or as required in emergency situations.~~.~~	Obtain final meter register reading, if available. De-energise Metering System.	LDSO.			Internal Process.
3.6.9	Within 5WD of 3.6.8.	Send change of energisation status and final meter register reading, if available.	LDSO.	Supplier, MOA.	D0139 Confirmation or Rejection of Energisation Status Change.[18] or For Prepayment Meters the D0179 - Confirmation of Energisation/De-energisation of a Prepayment Meter. ~~see Appendix 4.5~~	Electronic or other method, as agreed.

[18] Where the Metering System has been de-energised by the LDSO as part of an emergency metering service, the LDSO shall provide the change of energisation status and final meter register reading to the MOA only, with MOA responsible for providing this information to the Supplier.

3.7 Disconnection of a SVA Metering System

Prior to any SVA disconnection, the Metering System must be de-energised in accordance with Section 3.6.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.1	At request of Supplier, or as required.	Supplier requests disconnection of Metering System.	Supplier.	LDSO.	D0132 Request for Disconnection of Supply.	Electronic or other method, as agreed.
3.7.2	If request rejected.	Notify Supplier of rejection of disconnection request.	LDSO.	Supplier.	D0262 Rejection of Disconnection.	Electronic or other method, as agreed.
3.7.3	If request accepted.	Disconnect Metering System ~~and notify SMRA, proceeding in accordance with BSCP501~~.[19]	LDSO.	SMRA.	Disconnection Date and MSID ~~BSCP501 Supplier Meter Registration Service.~~	Manual, electronic or other method, as agreed. ~~BSCP501.~~
3.7.4	On unsuccessful validation of data sent in 3.7.3	Notify originator of receipt of invalid data.	SMRA	LDSO	MSID, original message identifier and reason for failure. (If MSID is root of error or cause of failure, this data item may be omitted).	Manual, electronic or other method, as agreed.

[19] LDSOs may additionally send a D0125 Confirmation of Disconnection of Supply data flow to the Supplier.

3.8 Disconnection of a CVA Metering System

Note that disconnection of CVA Metering Systems is only allowed under limited circumstances. Refer to Appendix 4 for further details regarding the LDSO's role in submitting CVA data into Settlement.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.8.1	As required.	Registrant requests disconnection of Metering System.	Registrant.	LDSO.	Disconnection details.	Fax/Email/Letter.
3.8.2	If request rejected.	Notify Registrant of rejection of disconnection request.	LDSO.	Registrant.	Disconnection details and reasons for rejection.	Fax/Email/Letter.
3.8.3	If request accepted.	Disconnect Metering System.	LDSO.		Disconnection Details.	Internal Process.
3.8.4	Following 3.8.3	Provide certificate of disconnection.	LDSO.	Registrant.	Certificate of disconnection.	Letter.
3.8.5	Following 3.8.3.	De-register Metering System in CRA in accordance with BSCP20	Registrant.	CRA.	BSCP20 Registration of Metering Systems for Central Volume Allocation.	BSCP20.
3.8.6	If required and following disconnection.	Submit revised Aggregation Rules for each Volume Allocation Unit for which the LDSO is responsible as detailed in BSCP75.	LDSO.	CDCA.	BSCP75 Registration of Meter Aggregation Rules for Volume Allocation Units.	BSCP75.
3.8.7	Prior to the Effective Date of the Aggregation Rules and as part of 3.8.6. ~~Following 3.8.6~~	Provide a copy of the GSP Group Take Aggregation Rules to the LDSO. ~~Check revised Aggregation rules for GSP Group (see BSCP75).~~	CDCA.	Nominated LDSO.	GSP Group Take Aggregation Rules from CDCA-I048. ~~GSP Group Metered Volume and GSP Group Take Aggregation Rules.~~	Fax/Letter/Email ~~BSCP75.~~
3.8.8	Following receipt of 3.8.7.	Check revised GSP Group Take Aggregation rules.	Nominated LDSO.		GSP Group Metered Volume and GSP Group Take Aggregation Rules.	Internal Process

3.9 This section is no longer in use. ~~Operational Requirements~~

~~In addition to the specific processes described in this BSCP, the table below sets out other LDSO requirements that remain in place throughout their period of operation, ranging from annual data updates to involvement in emergency or ad-hoc events. Where relevant the appropriate BSCPs are referenced.~~

~~REQUIREMENT~~	~~WHEN~~	~~RELATED PARTICIPANT(S)~~	~~METHOD~~
~~Submit SVA and CVA LLFs to BSCCo for Panel approval.~~	~~Annually, and at least 40WD prior to 1st April.~~	~~BSCCo.~~	~~BSCP28 Approval and Notification of CVA Line Loss Factors, and~~ ~~BSCP528 SVA Line Loss Factors for Half Hourly and Non Half Hourly Metering Systems Registered in SMRS.~~
~~Nominated LDSO: Submit/check revised Aggregation Rules for GSP Group.~~	~~As required, and at least 20WD prior to effective date of Aggregation Rules.~~	~~CDCA.~~	~~BSCP75 Registration of Meter Aggregation Rules for Volume Allocation Units~~
~~Liaise with other LDSOs to help establish correct LLFs and Aggregation Rules details.~~	~~As required by other LDSOs.~~	~~Other LDSOs.~~	~~Communication by fax, email, telephone or any other agreed method.~~
~~Perform emergency de-energisations for the LDSO's own SVA Metering Systems and notify MOA of energisation status and final meter reading.~~	~~As required by emergency situations.~~	~~MOA.~~	~~Communication with MOA via D0139 (Confirmation or Rejection of Energisation Status Change) data flow.~~ ~~For Prepayment Meters see Appendix 4.5.~~
~~Provide support to participants to facilitate transfers of Metering System registrations between CMRS and SMRS.~~	~~As required by Registrants of Metering Systems.~~	~~Transfer Co-ordinator, Registrant, MOA.~~	~~As detailed in BSCP68.~~

3.10 Update of the National Measurement Transformer Error Statement[20]

The National Measurement Transformer Statement is a record of the average errors attributable to specific Measurement Transformer types based on sample data. It is to be used where it is not possible to obtain the actual errors for Measurement Transformers for SVA Metering Systems complying with Codes of Practice 3 and 5.

3.10.1 Addition to the National Measurement Transformer Error Statement

no changes to this table

3.10.2 Removal of Data from the National Measurement Transformer Error Statement

no changes to this table

3.11 – no change

Appendix 4

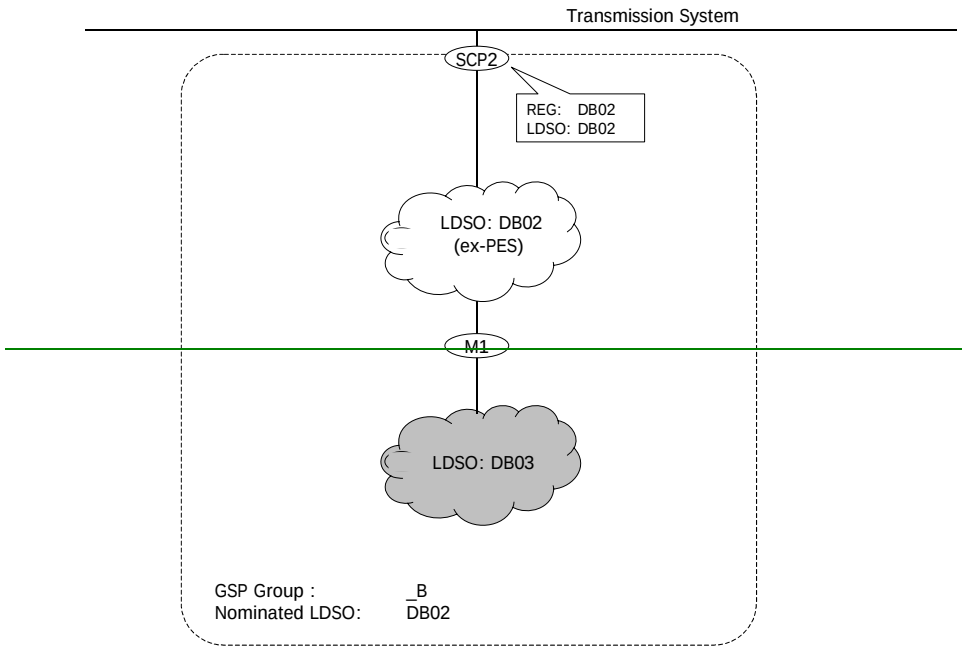
~~**4.1CVA Arrangements for new Distribution Systems**~~

~~In order to carry out their Settlement obligations, LDSOs must ensure that they are aware of other Distribution Systems to which they are associated. Data submitted into Settlement by LDSOs, such as Line Loss Factors and Aggregation Rules, must accurately reflect the structure of the Distribution Systems operating inside each GSP Group. Consequentially, where a number of Distribution Systems are in operation, LDSOs may be required to carry out additional research before data can be submitted in accordance with the relevant BSCP.~~

~~**4.2Example – Basic Case**~~

~~The diagram below shows a new Distribution System established by an LDSO (DB03) such that it is embedded within an existing Distribution System operated by another LDSO (DB02). All entry and exit points for the DB03 Distribution System are registered in SVA.~~

[20] The National Measurement Transformer Error Statement may be used for the purpose of Technical Assurance where individual measurement transformer errors are not available. This process is designed to amend the data contained in the statement.



~~DB02 is the existing distributor and has the role of Nominated LDSO for that GSP Group. This means that DB02 remains responsible for registering the Systems Connection Point Metering System (SCP2) and providing / checking the Aggregation Rules for the GSP Group Metered Volume and GSP Group Take. These do not need to change as long as all Boundary Points for the new DB03 Distribution System are registered in SVA.~~

~~It should be noted that Systems Connection Points do not include connections between Distribution Systems in the same GSP Group, and no metering is required on the boundary between DB02 and DB03 for the purposes of Settlement. If such optional metering is installed (as shown as M1 in the figure) then it is a non-Settlement meter and cannot be registered in CRA, or data collected by CDCA.~~

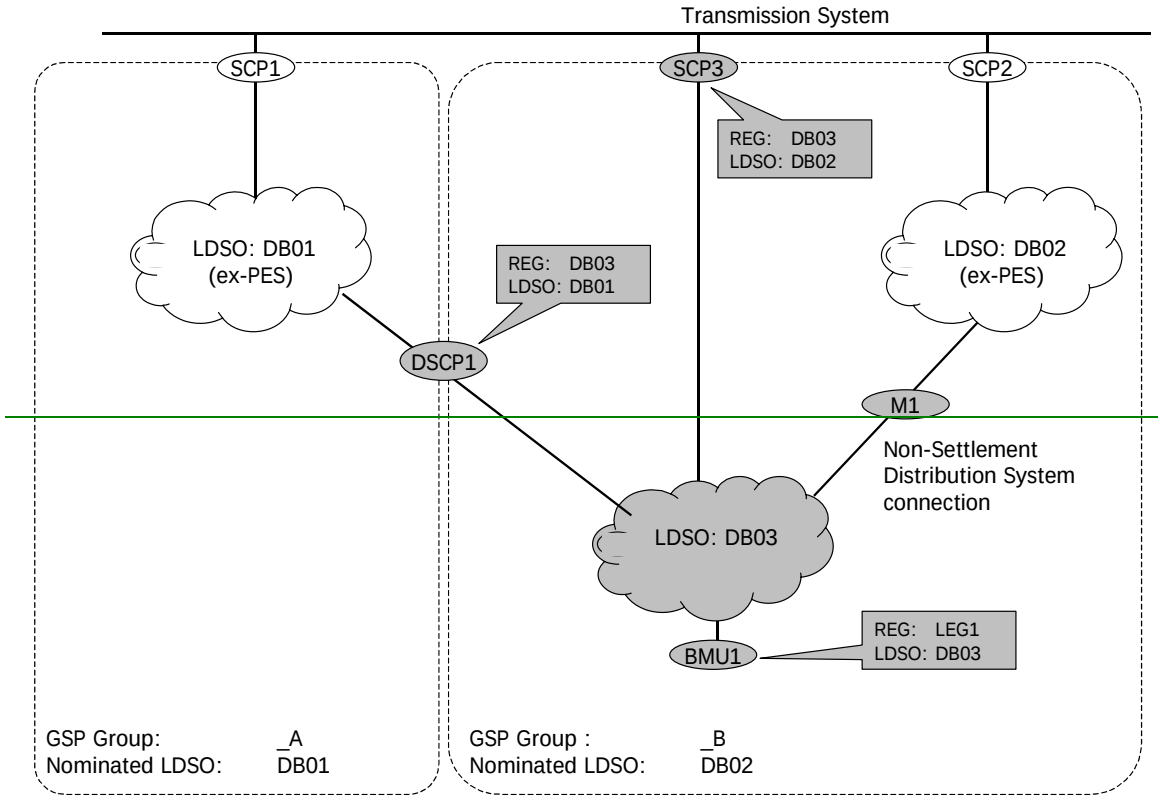
~~Such metering may help determine Line Loss Factors, which must reflect the losses back to the Grid Supply Point (SCP2), and also the level of DUoS for energy flowing across the connection. However, such usage is outside the BSC and must be bilaterally agreed by the LDSOs concerned.~~

~~4.3Example – Complex Case~~

~~The diagram below shows an example of a more complex Distribution System and includes:~~

- ~~a CVA BM Unit (BMU1) for an embedded CVA customer (LEG1);~~
- ~~a connection directly to the Transmission System (SCP3); and~~
- ~~a Distribution Systems Connection Point (DSCP1) with the Nominated LDSO (DB01) for another GSP Group.~~

~~Each of these connections has an impact on the determination of LLFs and Aggregation Rules.~~



~~The figure, and following sections, provide examples of how the associated metering could be configured to ensure the interested LDSOs get sufficient information to fulfil their obligations.~~

~~4.3.1Systems Connection Point (SCP3)~~

~~Where a Systems Connection Point connects a Distribution System to the Transmission System, the connection is classed as a Grid Supply Point (GSP). In order to correctly determine the appropriate GSP Group these connections can only be established following approval by the BSC Panel.~~

~~In the example DB03 acts as the Registrant of the associated CVA Metering System for SCP3 and will be required to provide the Aggregation Rule for the GSP Volume Allocation Unit. However, DB02 as the Nominated LDSO for the GSP Group, will be required to provide the GSP Group Metered Volume Aggregation Rule and check the GSP Group Take Aggregation Rule (See BSCP75 for further details).~~

~~4.3.2Distribution Systems Connection Point (DSCP1)~~

~~Registration of a DSCP requires the agreement of the two LDSOs concerned, as does the registration of associated CVA Metering Systems. During the registration process the LDSOs must determine which will act as the Registrant of the DSCP and the Metering Systems.~~

In this example DB03 has opted to take the role of the Registrant, with DB01 as the other LDSO. Therefore, while the Registrant will be responsible for submitting the Aggregation Rule for the DSCP, both LDSOs will need to be involved in order to derive the necessary information.

For GSP Group "_A", the Nominated LDSO (DB01) will also be responsible for providing changes to the GSP Group Metered Volume Aggregation Rule and for checking the GSP Group Take Aggregation Rule.

For GSP Group "_B" more steps may be required, as it is DB02 who is responsible for providing these Aggregation Rules. DB02 may also need to make a formal request to BSCCo, via BSCP41 (Report Requests and Authorisations), to receive reports sent to DB03 in order to monitor future changes that may require revisions to the Line Loss Factors and Aggregation Rules.

4.3.3CVA Registered BM Unit (BMU1)

CVA BM Units may be associated with a number of Metering Systems for which information must be entered into Settlement. In the example a Licensed Exempt Generator registers the BM Unit (BMU1) and its associated CVA Metering Systems. As the LDSO directly associated with the BM Unit, DB03 is responsible for submitting LLFs for the Metering Systems.

However, as was the case for the Distribution System Connection Point, it will be DB02 who is responsible for providing changes to the GSP Group Metered Volume Aggregation Rule and for checking the GSP Group Take Aggregation Rule.

4.3.4Non-settlement metering

For this complex example the requirement for metering on the boundary between DB02 and DB03 may be increased, as only a proportion of the energy used by DB03 may be crossing that connection, or even flowing back towards DB02. However, as for the basic case, M1 is still non-Settlement metering and cannot be recorded in CRA, or collected by CDCA.

4.3.5Party Responsibilities

The following table summarises these scenarios and the Party responsible at each stage. However, in cases where multiple LDSO are operating in a GSP Group they may require the assistance of other interested LDSO in fulfilling the obligations.

Procedure	BM Unit	GSP	DSCP	
Panel	n/a	DB03	n/a	
BSCP15	LEG1	n/a	n/a	
BSCP20	LEG1	DB03	DB03	
BSCP28*	DB03	n/a	n/a	
BSCP41 (DB03's CDCA I012)	DB02	n/a	DB02	
BSCP75 – Volume Allocation Unit	LEG1	DB03	DB03	
BSCP75 – GSP Group Metered Volume	n/a	DB02	DB02	DB01
BSCP75 – GSP Group Take**	CDCA/DB02	CDCA/DB02	CDCA/DB02	CDCA/DB01

* A LLF is normally only required for a CVA BM Unit and it must take into account the losses back to the GSP. However, in some circumstances a LLF may be associated with a DSCP.

** Note that the GSP Group Take will be determined by CDCA with help from the Nominated LDSO for the GSP Group concerned. As shown the LDSO associated with the BM Unit, GSP or DSCP can be different, and where they are also the Nominated LDSO in another GSP Group, additional care will be required to ensure the correct Nominated LDSO and GSP Group are identified.

4.1 Update the National Measurement Error Transformer Statement

The National Measurement Transformer Statement is a record of the average errors attributable to specific Measurement Transformer types based on sample data. It is to be used where it is not possible to obtain the actual errors for Measurement Transformers for SVA Metering Systems compiling with Codes of Practice 3 and 5.

4.4.1 4.1.1 CT or VT Error Data Form

This document is contained in file reference BSCP515_APPX041
Title 'Form for the submission of CT or VT Error data for addition to the National Measurement Transformer Error Statement'
Date: 24 February 2005

4.4.2 4.2 Analysis of CT or VT Data by BSCCo.

4.4.2.1 4.2.1 CT Data

BSCCo will firstly look at the ratio error compared to the class of the CT sample for all Test Point and Burdens. If, for each Test Point and Burden, a minimum of 98% of the sample is within the class accuracy, then BSCCo may approve the CT type. For any set of CT data which does not meet these requirements and where the applicant wishes to proceed, BSCCo will undertake further analysis of the data and present the results of this further analysis to the Panel for approval.

4.4.2.2 4.2.2 VT Data

BSCCo will firstly look at the ratio error compared to the class of the VT sample for all Test Point and Burdens. If, for each Test Point and Burden, a minimum of 98% of the sample is within the class accuracy, then BSCCo may approve the VT type. For any set of VT data which does not meet these requirements and where the applicant wishes to proceed, BSCCo will undertake further analysis of the data and present the results of this further analysis to the Panel for approval.

~~4.5Prepayment Meters~~

~~For Prepayment Meters, the following data flows may be used in place of the flows for credit Meters referenced in the Interface and Timetable Information section of this BSCP:~~

~~Credit Flow~~	~~Prepayment Flow~~	~~Description of Prepayment Flow~~	~~Sender/Recipient of Prepayment Flows~~	~~BSCP Section~~
~~D0139~~	~~D0179~~	~~Confirmation of Energisation/De-energisation of Prepayment Meter~~	~~LDSO/MOA to Supplier~~	~~3.5.2, 3.5.3, 3.5.5, 3.6.2, 3.6.3, 3.6.9 and 3.9~~