Balancing and Settlement Code

BSC Procedure

Migration of Metering Systems to and from the MHHS Arrangements

BSCP708

v0.93

Date: DD MM YYYY

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BSC Procedure 708

Processes for the Migration of Metering Systems

to and from the MHHS Arrangements

1. Reference is made to the Balancing and Settlement Code and, in particular, to the definition of "BSC Procedure" in Section X, Annex X-1 thereof.

2. This is BSC Procedure 708, version 0.93 relating to Processes for the Migration of Metering Systems to and from the MHHS Arrangements.

3. This BSC Procedure is effective from DD MMMM YYYY.

4. This BSC Procedure has been approved by the BSC Panel or its relevant delegated Panel Committee(s).

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AMENDMENT RECORD

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0.2	27/07/2023	Following Elexon review	MHHS SCR	
0.3	29/09/2023	Following consultation	MHHS SCR	
0.4	09/10/2023	Includes D0148	MHHS SCR	
0.5	23/11/2023	Version Uplifted following CCAG	MHHS SCR	
0.6	30/11/2023	Mop Up 1	MHHS SCR	
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1. Introduction

1.1 Purpose and Scope of the Procedure

This BSC Procedure (BSCP) defines specific processes by which Metering System Identifiers (MSIDs) should be migrated from the legacy settlement arrangements to the MHHS Arrangements (forward migration) and the process by which MHHS MSIDs, where permitted, should be migrated back to the legacy settlement arrangements (reverse migration).

It describes the obligations applicable to Supplier Meter Registration Agents (SMRA), Suppliers and their Agents in relation to the processes ie. Forward migration (Change of Agent), forward migration (on Change of Supplier) and reverse migration (on Change of Supplier).

This BSCP does not detail the BAU processes relating to the appointment or de-appointment of UMSO, Meter Operator or Data Service Agents. For further information on these, refer to the Associated BSCPs in section 1.5 below.

MOA processes are governed under the Retail Energy Code (REC). MOA actions outlined in the BSCP are for contextual information only.

1.2 Main Users of Procedure and their Responsibilities

This BSCP provides a central focus for parties whose general processes are affected by the specific design of forward/reverse migration:

- SMRAs
- Suppliers
- Data Collectors
- Data Aggregators
- Meter Operators
- UMSOs
- Data Services
- LDSOs
- Meter Administrators

1.3 Use of the Procedure

The remaining sections in this document are:

Section 2 – Requirements and Responsibilities of Parties

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

Section 4 – Appendices

1.4 Balancing and Settlement Code Provision

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This BSCP has been produced in accordance with the provisions of the Balancing and Settlement Code (the Code). In the event of an inconsistency between the provisions of this BSCP and the Code, the provisions of the Code shall prevail.

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1.5 Associated BSC Procedures

BSCP700	Unmetered Supplies Data Services
BSCP701	Smart Data Service
BSCP702	Advanced Data Service
BSCP704	Unmetered Supplies Operations for MHHS Metering Systems
BSCP706	Supplier Meter Registration Service for MHHS Metering Systems

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1.6 Acronyms and Definitions

1.6.1 Acronyms

The terms used in this BSCP are defined as follows.

ADS	Advanced Data Service
BSC	Balancing and Settlement Code
BSCCo	Balancing and Settlement Code Company
BSCP	BSC Procedure
CoA	Change of Agent
CoS	Change of Supplier
CSS	Central Switching Service
DC	Data Collector
DA	Data Aggregator
DS	Data Service
ISD	Industry Standing Data
LDSO	Licensed Distribution System Operator
MOA	Meter Operator Agent
MDS	Market-wide Data Service
MHHS	Market-wide Half Hourly Settlement
MSID	Metering System ID
REC	Retail Energy Code
SDS	Smart Data Service
SMRA	Supplier Meter Registration Agent
SMRS	Supplier Meter Registration Service
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
UMSDS	Unmetered Supplies Data Service
UMSO	Unmetered Suppliers Operator
WD	Working Day

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1.6.2 Definitions

Full definitions of the above acronyms are, where appropriate, included in the BSC.

Forward Migration	The process through which MSIDs will move from Legacy Arrangements to MHHS Arrangements.
Legacy Arrangements	The arrangements in force prior to the start of the Migration Period, set out under the BSC and REC - primarily the Balancing and Settlement Procedures related to Data Collection and the REC Metering Operations Schedule.
MHHS Agents	MHHS Qualified Meter Operator and Data Service Agents
MHHS Arrangements	The Settlement arrangements defined under the MHHS Target Operating Model.
Migration Period	The time between Milestone M11 (Start of 1 year migration for UMS/Advanced) or Milestone M12 (Start of 1 year migration for Smart/Non-smart) and Milestone M15 (Full transition complete) on the MHHS Implementation Timetable, produced by the MHHS Programme.
MHHS Qualified Party	A BSC Party recognised in ISD as both having passed the relevant System Integration Testing (SIT) and met the BSC Qualification requirements; and declared that their service is operational within the MHHS Arrangements.
Reverse Migration	The process through which MSIDs will move from MHHS Arrangements to Legacy Arrangements. Reverse Migration is not permitted after Milestone M14 (one way gate).

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2. Requirements of Suppliers, their Agents and SMRAs

All Suppliers and Agents must make a minimum amount of change, as outlined below, in preparation for the start of the Migration Period. This includes Suppliers and Agents that are not planning to be MHHS Qualified at the start of the Migration Period. They will still need to be able to follow the process where they are losing customers to a Supplier who is going to migrate them to the MHHS Arrangements via the Migration CoS process.

If non-MHHS-Qualified Suppliers intend to register consumers that have already migrated to the MHHS Arrangements they will need to operate the Reverse Migration process.

Legacy MOAs and DCs will need to have implemented specific changes, prior to the start of the Migration period, to support Forward and Reverse Migration processes.

The SMRS will operate as the administering service regarding the management of Migration activities. This service will be the definitive record of the status of each MSID in respect to the settlement arrangements under which it is operated.

Within the Migration Period the SMRS will be capable of supporting both Legacy and MHHS MSIDs. It will also support the Migration processes from the Legacy Arrangements to the MHHS Arrangements, and Reverse Migration.

~~[IR4] Each LDSO/SMRA/UMSO shall produce the notifications set out in sections 3 and 4 in response to any notifications received within the Standard Operating Hours. Inbound messages received outside these hours will be queued and processed within 60 minutes of the commencement of the next operational window, which in most cases will be at the start of the next Working Day as defined in BSCP706.~~

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3. Interface and Timetable Information

3.1 Forward Migration - on Change of Agent

This process applies where a Supplier is Forward Migrating MSIDs to which they are already appointed.

Suppliers are only permitted to undertake 'bulk change of agent' activities within the Migration Period after consultation with the Migration Control Centre.

Same day or Retrospective appointments should not be utilised when performing a CoA Migration, whenever possible.

If a pending Registration is received for an MSID that has an in-progress Forward Migration, when the D-1 effective from status of the Agent appointment is reached, the SMRA will revert the MSID back to non-migrated status and send an IF/PUB-035 to MHHS Agents and Supplier informing them that the Forward Migration has been cancelled.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1	Supplier determines that an MSID is in a fit state to be migrated	Appoint MHHS Agents and notify SMRA	Supplier	SMRA	IF/PUB-031 Supplier Agent Appointment Request Effective from date, for appointments, must be between 1-28 days in the future	DIP Interface
3.1.2 [IR8.1]	~~On~~ Following receipt of IF/PUB-031~~, within 60 minutes~~ and by 17:00 where the IF/PUB-031 is received between 05:00 and 12:00	Validate appointment request and if valid, issue to incoming MHHS Agents	SMRA	Supplier Incoming MOA/UMSO and Data Service	IF/PUB-032 SMRS Supplier Agent Appointment Request Response (and if valid) IF/PUB-033 SMRS Request for Supplier Agent Appointment	DIP Interface

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.3 [IR8.1]	~~Once appointment request has been validated~~Following validation by the incoming MHHS Agent and by 23:00 where the IF/PUB-033 is received before 17:00	Respond to proposed appointment request	Incoming MOA / UMSO Incoming Data Service	SMRA	IF/PUB-034 Supplier Agent Appointment Request Response to SMRS	DIP Interface
[IR7] [IR8.1] 3.1.4	~~On~~ Following receipt of IF/PUB-034 and by 23:00 where the IF/PUB-034 is received before 17:00~~, within 60 minutes~~	Publish response to prospective appointment	SMRA	Incoming MOA Data Service Supplier	IF/PUB-035 SMRS Appointment Status Notification	DIP Interface
3.1.5	At overnight batch run following each appointment acceptance	Request Metering System Related Details	SMRA	Outgoing MOA Outgoing Data Collector	D0170 Request for Metering System Related Details	DTN Message
3.1.6	Following receipt of D0170, as per REC Metering Operations Schedule (not applicable for Smart Meters)	Share MTDs with incoming MOA	Outgoing MOA	Incoming MOA	D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details (for Traditional Meters) Or D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.7	Within 5WD of receipt of D0170 or within 2WD of appointment effective date, whichever is latest (for HH Advanced Meters and UMS)	Share HH profile data (up to Effective to Date) 3 months of data for Advanced Meters	Outgoing HHDC	Incoming ADS Supplier LDSO	D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix And/or D0275 Validated Half Hourly Advances	DTN Message
3.1.8	Within 5WD of receipt of D0170 or within 2WD of appointment effective date, whichever is latest (for HH Smart Meters)	Share Reads up to and including last day of appointment	Outgoing HHDC	Supplier	D0010 Meter Readings And/or D0380 Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	DTN Message
[IR2] 3.1.9	~~Within 2WD of~~Following receipt of D0149 / D0150 or D0268 (where applicable), as per REC Metering Operations Schedule	Process MTDs and forward to Supplier and incoming Data Service	Incoming MOA	Supplier Incoming Data Service LDSO	D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details Or D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.10	Within 5WD of 3.1.4	Terminate appointments of legacy agents	Supplier	Outgoing MOA Outgoing Data Collector Outgoing Data Aggregator Outgoing Meter Administrator	D0151 Termination of Appointment or Contract by Supplier	DTN Message
[IR7] 3.1.11	On the day prior to effective date of switch	Confirm Appointments as effective	SMRA	Supplier Incoming MOA / UMSO Incoming Data Service LDSO	IF/PUB-036 SMRS Notification of Supplier Agent Appointment & Supporting Info	DIP Interface
[IR8] 3.1.12	On the day prior to effective date of switch	Issue De-Appointment Notification	SMRA	Supplier LDSO EES	IF/PUB-037 Notification of Supplier Agent De-Appointment	DIP Interface
3.1.1~~2~~3	Following the appointment of the UMSDS, on receipt of IF/PUB-036, within 120 minutes	Share Inventory Data	UMSO	Incoming UMSDS	D0388 UMS Inventory	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
[IR8.1] 3.1.143	If subsequent IF/PUB-031 received prior to 3.1.11	Terminate pending appointments	SMRA	Incoming MOA Incoming Data Service Supplier	IF/PUB-035 SMRS Appointment Status Notification This notification would only be issued following the processing of the IF/PUB-034 from the incoming Agent	DIP Interface
3.1.154	Following 3.1.11, if Supplier has a meter reading obtained in the previous 8 days	Share meter read with outgoing Data Collector	Supplier	Outgoing Data Collector	D0010 Meter Readings	DTN Message
3.1.165	On receipt of both D0170 and D0010, or if no Read has been received by ETD + 1WD	Validate Meter Read or for NHH Metering Systems, generate deemed Read for Effective To Date (ETD)	Outgoing Data Collector			Internal Process
3.1.176	Following 3.1.165 Additionally, for NHH Metering Systems	Send Reading to Supplier and LDSO	Outgoing Data Collector Outgoing NHHDC	Supplier LDSO Supplier, Outgoing NHHDA	D0010 Meter Readings D0019 Metering System EAC/AA Data	DTN Message
3.1.187	Following 3.1.176	Forward the Reading to incoming Data Service	Supplier	Incoming Data Service	D0010 Meter Readings	DTN Message

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3.2 Forward Migration – on Change of Supplier

This process applies where a Supplier chooses to migrate an MSID coincident with a Switch.

If a cancellation/lapse notice is received for an MSID that has an in progress Forward Migration, when the D-1 effective from status of the Agent appointment is reached, the SMRA will revert the MSID back to non-migrated status and send an IF/PUB-035 to MHHS Agents and Supplier informing them that the Forward Migration has been cancelled.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1	Following receipt of CoS request from CSS, within 2WD	Provide site information, registration details of the old Supplier, and confirmation of Meter Point Registration to New Supplier	SMRA	New Supplier	IF/PUB-002 Notification to New Supplier of Site Information And D0217 Confirmation of the Registration of a Metering Point / D0260 Notification from MPAS of Old Supplier Registration Details (within 1 WD of IF/PUB-002)	DIP Interface DTN Message
3.2.2	Within 2WD following receipt of both IF/PUB-002 and D0217/D0260	Supplier chooses whether to migrate MSID or continue operating under Legacy Arrangements (if permitted). If not migrating then Legacy Arrangements should be followed.	New Supplier			Internal Process
3.2.3	Within 2WD following receipt of both IF/PUB-002 and D0217/D0260	Appoint MHHS Agents	New Supplier	SMRA	IF/PUB-031 Supplier Agent Appointment Request	DIP Interface

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.4	Following receipt of IF/PUB-031 and by 17:00 where the IF/PUB-031 is received between 05:00 and 12:00~~Within 60 minutes of receipt of IF/PUB-031~~	Validate appointment request and if valid, issue to incoming MHHS Agents	SMRA	Supplier Incoming MOA/UMSO and Data Service	IF/PUB-032 SMRS Supplier Agent Appointment Request Response (and if valid) IF/PUB-033 SMRS Request for Supplier Agent Appointment	DIP Interface
3.2.5	Once appointment request has been validated by incoming MHHS Agent	Respond to proposed appointment request	Incoming MOA / UMSO Incoming Data Service	SMRA	IF/PUB-034 Supplier Agent Appointment Request Response to SMRS	DIP Interface
3.2.6	At overnight batch run following each appointment acceptance	Request Metering System Related Details	SMRA	Outgoing MOA Outgoing Data Collector	D0170 Request for Metering System Related Details	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.7	Following appointment acceptances, by effective date of Switch	Terminate appointments of Legacy Agents	Old Supplier	Outgoing MOA Outgoing Data Collector Outgoing Data Aggregator Outgoing Meter Administrator	D0151 Termination of Appointment or Contract by Supplier	DTN Message
[IR8] 3.2.8	On the day prior to effective date of switch	Issue De-Appointment Notification	SMRA	Supplier LDSO EES	IF/PUB-037 Notification of Supplier Agent De-Appointment	DIP Interface
3.2.~~8~~9	Following receipt of D0170, as per REC Metering Operations Schedule	Share MTDs with incoming MOA (not applicable for Smart Meters)	Outgoing MOA	Incoming MOA	D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details (for Traditional Meters) Or D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.109	Within 5WD of receipt of D0170 or within 2WD of appointment effective date, whichever is latest (for HH Advanced Meters and UMS)	Share HH profile data (up to Effective to Date) 3 months of data for Advanced Meters (to ADS only)	Outgoing HHDC	Incoming ADS Old Supplier LDSO	D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix And optionally D0275 Validated Half Hourly Advances	DTN Message
3.2.101	Within 5WD of receipt of D0170 or within 2WD of appointment effective date, whichever is latest (for HH Smart Meters)	Share Reads up to and including last day of appointment	Outgoing HHDC	Old Supplier	D0010 Meter Readings And/or D0380 Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	DTN Message
3.2.121	Within 5WD of receipt of D0170 or within 2WD of appointment effective date, whichever is latest (Traditional, NHH Smart or NHH Advanced Metering Systems)	Retrieve Reading and validate, or generate deemed Read, for Effective to Date.	Outgoing NHHDC	LDSO Old Supplier	D0086 Notification of Change of Supplier Readings And D0019 Metering System EAC/AA Data	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
~~[IR2] 3.2.12~~	~~Within 2WD of receipt of D0149 / D0150 or D0268 (where applicable)~~	~~Process MTDs and send to Supplier and incoming Data Service~~	~~Incoming MOA~~	~~New Supplier~~ ~~Incoming Data Service~~ ~~LDSO~~	~~D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details~~ ~~Or~~ ~~D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)~~	~~DTN Message~~
3.2.13~~3~~	~~On~~ By 21:00 on the day prior to the Switch~~EFD of Switch~~	Confirm Appointments as effective	SMRA	New Supplier Incoming MOA / UMSO Incoming Data Service LDSO	IF/PUB-036 SMRS Notification of Supplier Agent Appointment & Supporting Info	DIP Interface
[IR2] 3.2.14	Following receipt of IF/PUB-036, as per REC Metering Operations Schedule	Process MTDs and send to Supplier and incoming Data Service	Incoming MOA	New Supplier Incoming Data Service LDSO	D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details Or D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.154	Following the appointment of the UMSDS, on receipt of IF/PUB-036, within 120 minutes	Share Inventory Data	UMSO	Incoming UMSDS	D0388 UMS Inventory	DTN Message
3.2.165	Following 3.2.133 (NHH Smart Meters only), within 1WD	Retrieve EFD Midnight Reads (UTC) for all registers and share available readings with Supplier.	Incoming Data Service	New Supplier	IF/PUB-041 Smart/Advanced Readings	DIP Interface
3.2.176	Following 3.2.133, within 1WD	Validate and share CoS Read with old supplier	New Supplier	Old Supplier	D0010 Meter Readings	DTN Message
3.2.187	Following 3.2.167, within 1WD	Validate CoS read and share with Outgoing Data Collector	Old Supplier	Outgoing Data Collector	D0010 Meter Readings	DTN Message
3.2.198	On receipt of both D0170 and D0010, or if no Read has been received within 2WD	Validate Meter Read or for NHH Metering Systems, generate deemed Read for Effective To Date	Outgoing Data Collector			Internal Process

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.~~1~~20~~8~~9	Following 3.1.1~~8~~9, within 1WD	Send Reading to Supplier and LDSO	Outgoing Data Collector	LDSO Old Supplier	D0086 Notification of Change of Supplier Readings D0019 Metering System EAC/AA Data Or, for HH Metering Systems: D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix / D00275 Validated Half Hourly Advances	DTN Message
3.2.210~~9~~	Following 3.1.~~1~~209, within 1WD (Traditional Meters)	Share reading with new Supplier	Old Supplier	New Supplier	D0010 Meter Readings	DTN Message
3.2.221~~0~~	Following 3.1.2~~0~~01, within 1WD (Traditional Meters)	Share reading with incoming Data Service	New Supplier	Incoming Data Service	D0010 Meter Readings	DTN Message

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3.3 Reverse Migration – on Change of Supplier

Initiating Reverse Migration is only permitted prior to Milestone M14 (one way gate). This process applies where a non-MHHS Qualified Supplier switches a MHHS MSID.

The SMRA will continue to send D0209s and Suppliers are expected to continue to appoint DAs using the legacy processes and notify the DC of the identity of the DA using legacy processes.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1	Following receipt of CoS notification from CSS, within 2WD	Validate status of MSID and prospective Supplier. If an MHHS MSID is being Switched to a non-MHHS-Qualified Supplier, then Provide site information, registration details of the old Supplier, and confirmation the Meter is Registered to New Supplier	SMRA	New Supplier	D0217 Confirmation of the Registration of a Metering Point / D0260 Notification from MPAS of Old Supplier Registration Details	DTN Message
3.3.2	Following receipt of Registration details, within 2WD	Appoint legacy agents	New Supplier	Incoming DC / MA Incoming MOA Incoming DA	D0155 Notification of Meter Operator or Data Collector Appointment and Terms D0153 Notification of Data Aggregator Appointment and Terms	DTN Message or other agreed method

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.3	After processing D0155s, within 2WD	Accept (or reject) appointments	Incoming DC Incoming MOA Incoming DA	New Supplier	D0011 Agreement of Contractual Terms Or, for rejection: D0261 Rejection of Agent Appointment	DTN Message
3.3.4 [IR8.1]	Within 1 WD of receiving all applicable D0011s	Send appointment details of MS	New Supplier	Incoming DC Incoming MOA	D0148 Notification of Change to Other Parties The D0148 should be populated in the same way as a New Connection, where details of only the incoming agents are required.	DTN Message
3.3.5	Following receipt of D0011s, within 2WD	Update Agent appointment details. If D0205 is not received before SMRA sends IF/PUB-003 (3.3.6~~10~~) then the IF/PUB-003 will not contain the identities of incoming DC and MOA.	New Supplier	SMRA Incoming DC	D0205 Update Registration Details (where applicable) D0052 Affirmation of Metering System Settlement Details	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
[IR8]3.3.6	At 18:00 following Secured Active	Issue de-appointment notifications for Metering and Data Services	SMRA	Outgoing MOA Outgoing Data Service Old Supplier LDSO EES	IF/PUB-003 Notification of Reverse Migration and De-Appointment If D0205 is not received before IF/PUB-003 is sent, then the data fields will not contain the identities of incoming DC and MOA.	DIP Interface
3.3.7	After receiving IF/PUB-003 and MA appointment is confirmed, within 2WD	Transfer Inventory Data	UMSO	Incoming MA	D0388 UMS Inventory	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.8	After receiving IF/PUB-003, as per REC Metering Operations Schedule	Issue MTDs	Outgoing MOA	New Supplier Incoming MOA	Skeleton D0150 Non Half-hourly Meter Technical Details (for Smart Meters) D0149 Notification of Mapping Details / D0150 Non Half-hourly Meter Technical Details (for Traditional Meters) D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	DTN Interface
3.3.96	Following 3.3.3 within 5WD, if ~~D0205~~ IF/PUB-003 does not contain details of incoming MOA	Request incoming MOA to share details with outgoing MOA	New Supplier	Incoming MOA		Bilaterally Agreed
3.3.107	~~Within 2WD of~~Following 3.3.9, as per REC Metering Operations Schedule ~~6~~	Share incoming MOA and Data Collector appointment details	Incoming MOA	Outgoing MOA		Bilaterally Agreed
3.3.110	When CoS secured	Receive Secured Active	CSS	SMRA		

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
~~3.3.8~~	~~Within 5WD of 3.3.7~~	~~Send MTDs to incoming MOA and Data Collector~~	~~Outgoing MOA~~	~~Incoming MOA~~	~~D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details~~ ~~Or~~ ~~D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)~~	~~Bilaterally Agreed~~
3.3.12~~9~~	~~Within 5WD of~~Following 3.3.10, as per REC Metering Operations Schedule ~~7~~	Process MTDs and send to Data Collector	Incoming MOA	Incoming Data Collector	D0149 Notification of Mapping Details / D0150 Non Half hourly Meter Technical Details Or D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	Bilaterally Agreed
~~3.3.10~~	~~When CoS secured~~	~~Receive Secured Active~~	~~CSS~~	~~SMRA~~		

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.11	At 18:00 following Secured Active	Issue de-appointment notifications for Metering and Data Services	SMRA	Outgoing MOA Outgoing Data Service Old Supplier LDSO BSC Central Services	IF/PUB-003 Notification of Reverse Migration and De-Appointment If D0205 is not received before IF/PUB-003 is sent, then the data fields will not contain the identities of incoming DC and MOA.	DIP Interface
3.3.12	After receiving IF/PUB-003 and MA appointment is confirmed, within 2WD	Transfer Inventory Data	UMSO	Incoming MA	D0388 UMS Inventory	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
~~3.3.13~~	~~After receiving IF/PUB 003, as per REC Metering Operations Schedule~~	~~Issue MTDs~~	~~Outgoing MOA~~	~~New Supplier~~ ~~Incoming MOA~~	~~Skeleton D0150 Non Half-hourly Meter Technical Details (for Smart Meters)~~ ~~D0149 Notification of Mapping Details / D0150 Non Half-hourly Meter Technical Details (for Traditional Meters)~~ ~~D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)~~	~~DTN Interface~~
3.3.134	On receiving skeleton D0150, within 2WD	Send Smart Meter configuration details	New Supplier	Incoming MOA	D0367 Smart Meter Configuration Details	DTN Interface
[IR2] 3.3.154	Following receipt of D0150 & D0367 or D0268, as per REC Metering Operations Schedule~~within 2WD~~	Share MTDs	Incoming MOA	New Supplier Incoming DC LDSO	D0149 Notification of Mapping Details / D0150 Non Half-hourly Meter Technical Details / D0268 Half Hourly Meter Technical Details and where applicable D0383 Notification of Commissioning Information / D0384 Notification of Commissioning Status (for Advanced Meters)	DTN interface
3.3.156	In parallel with 3.3.134 for Traditional Meters	Attempt CoS read via customer own read and share with Old Supplier	New Supplier	Old Supplier	D0010 Meter Readings	DTN Message

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.167	~~In parallel with 3.3.15~~Following 3.3.14 for NHH Advanced Meters	Remotely retrieve reading and share	Incoming NHHDC	LDSO New Supplier	D0010 Meter Readings And [Supplier only] D0019 Metering System EAC/AA Data	DTN Message
3.3.178	In parallel with 3.3.145 for HH Advanced Meters	Start collecting data from start of appointment period	Incoming HHDC			Internal Process
3.3.189	Within 2WD of 3.3.611 for Smart Meters	Take reading from Daily Read Log and share. If meter is not communicating, then cumulative register reading should be estimated and shared.	Outgoing SDS	Old Supplier LDSO	IF/PUB-041 Smart/Advanced Readings	DIP Interface
3.3.1920	Within 5 days of CoS	Validate and re-share CoS Read. If CoS Read was not received, then create CoS Read and share.	Old Supplier	Outgoing Data Service (except for Smart Meters) New Supplier	D0010 Meter Readings	DTN Message
3.3.201	On receipt of D0010 from Old Supplier	Close out Settlements to Effective to Date	Outgoing Data Service			Internal Process

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.212	On receipt of D0010 from Old Supplier	Share with DC	New Supplier	Incoming Data Collector	D0010 Meter Readings	DTN Message
3.3.223	On receipt of D0010 from New Supplier	Send initial reads to LDSO	Incoming Data Collector	LDSO New Supplier	D0086 Notification of Change of Supplier Readings D0019 Metering System EAC/AA Data Or, for HH Metering Systems: D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix / D00275 Validated Half Hourly Advances	DTN Message

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4. Appendices

4.1 Exceptions to the Standard Migration Processes

4.1.1 Related MSIDs

Related MSIDs should generally follow the processes described in Section 3 though there are some specific differences:

- IF/PUB-031 appointment requests can only be accepted for the primary MSID;
- Following each appointment request for the primary MSID, SMRS will send IF/PUB-036s to appoint the requested agent to primary and secondary MSIDs; and
- Reverse migration happens on CoS to a non-MHHS Qualified Supplier. Pending CoS registration must be received for all MSIDs separately. Reverse migration completes when all Secured Active notifications are sent.

4.1.2 [IR7] Import/Export MSIDs

Import and Export MSIDs migrate independently however they must follow slightly different processes to those described in Section 3:

- SMRS performs a daily scan where both linked Import and Export MSIDs are migrated. (An MSID is considered migrated as when either MOA or Data Service had been confirmed via IF/PUB-036);
- Where there is a difference in agents appointed the export MSID will have a replacement agents automatically appointed, as appropriate, by the IF/PUB-036. Simultaneously, the agents being replaced will be de-appointed by the IF/PUB-037 which is also received by the export Supplier. (For all Meter types, the same MOA is required for both Import and Export. For Advanced Meters, there is the additional requirement to use the same Data Service for both Import and Export); and
- Reverse migration also can happen independently for import and export MSIDs.

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