BSCP704 relating to Unmetered Supplies Operations for MHHS Metering Systems

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 704, Version 2.0 relating to the Unmetered Supplies Operations for MHHS Metering Systems.

3. This BSC Procedure is effective from 06 November 2025.

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

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1 Introduction

1.1 Scope and Purpose of the Procedure

All energy transfers at points of connection and/or supply via circuits connected to the Licensed Distribution System shall be metered, except in a limited number of defined circumstances. These exceptions, known as Unmetered Supplies (UMS), shall be at the discretion and approval of the Unmetered Supplies Operator (UMSO) acting on behalf of the Licensed Distribution System Operator (LDSO). The UMSO shall only consider providing an UMS at an exit point in accordance with Statutory Instrument (SI) 2001 No. 3263 which states:

(1) Subject to sub-paragraphs (2) and (3), an unmetered supply may be given where:

(a) the electrical load is of a predictable nature, and

(b) either:

(i) the electrical load is less than 500W; or

(ii) it is not practical for a supply of electricity to be given through an appropriate meter at the premises due to:

- the anticipated metering costs in the particular case being significantly higher than the usual metering costs associated with that size of electrical load;
- technical difficulties associated with providing such a meter in the particular case; or
- operation of law so as to prohibit or make excessively difficult the provision of such a meter in the particular case.

(2) Subject to regulation 4, an unmetered supply shall only be given where the authorised distributor, authorised supplier and the customer have agreed to such a supply.

(3) An unmetered supply which does not fall into the categories given in sub-paragraph 1) and which is first given prior to the date on which these Regulations came into force and which has been so supplied since that date, may continue to be an unmetered supply where the authorised distributor, authorised supplier and customer concerned agree to such continuation.

The SI also gives details to the Disputes process.

1.1.1 UMS Connection Agreements and National Terms of Connection

The LDSO shall appoint an UMSO to manage unmetered supplies on its behalf. The provision of an UMS, at an exit point, is dependent upon the UMSO having information of sufficient quality to enable the annual energy consumed (by all of the Apparatus connected to the exit point) to be determined and maintained to the level of accuracy required by the Code. It is the responsibility of the UMSO to establish appropriate

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arrangements with the Customer for the procuring and maintenance of such information. It is expected that this will normally be done through a UMS Connection Agreement issued by the UMSO on behalf of the LDSO or will be in accordance with the National Terms of Connection, which among other things, should contain clauses covering:

(a) the periodic submission by the Customer of a Detailed Inventory, the frequency of the submission and its format;

(b) the right of the LDSO to audit the Customer's Unmetered equipment;

(c) the right of the LDSO to install metering and/or data loggers on the Customer's Unmetered equipment; and

(d) a provision that the Customer shall not permit any third party to connect equipment to the Customer's Unmetered installation without the agreement of the LDSO.

1.1.2 Existing Exit Points

Existing exit points are permitted to retain their UMS status provided the consumption from such exit points can be accurately determined. The UMSO will review the unmetered status of such exit points where there is significant work to modify the exit point or there is significant change to the size and nature of the load.

1.1.3 BSC Procedure

This BSC Procedure (BSCP) sets out the requirements for UMS Operations including the Unmetered Supplies Operator (UMSO) and the Licenced Distribution System Operator (LDSO) in relation to Unmetered Supplies registered in Supplier Meter Registration Service (SMRS). This procedure differentiates between the responsibilities of the LDSO and the UMSO since it is recognised that these services could potentially be provided by different parties.

1.2 Main Users of Procedure and their Responsibilities

This BSCP should be used by Suppliers, Unmetered Supplies Data Services (UMSDSs), LDSOs UMSOs and Customers.

The SVAA will be managing the Industry Standing Data in addition to performing the Supplier Volume Allocation (SVA) role, and therefore SVAA is the Industry Standing Data Manager (ISDM).

1.3 Use of the Procedure

This BSCP shall be followed when it is agreed that the exit point qualifies to be energised without a Meter and is therefore an UMS.

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1.4 Balancing and Settlement Code Provision

This BSCP has been produced in accordance with the provisions of the Balancing and Settlement Code (the Code), and in particular the provisions of Section S8 'Unmetered Supplies'.

1.5 Associated BSC Procedures

BSCP40	Change Management.
BSCP501	Supplier Meter Registration Service.
BSCP515	Licensed Distribution.
BSCP537	Qualification Process for SVA Parties, SVA Party Agents and CVA MOAs.
BSCP700	Unmetered Supplies Data Services
BSCP706	Supplier Meter Registration Service for MHHS Metering Systems
BSCP707	Changes to Industry Standing Data.
BSCP709	Supplier Requirements for MHHS Metering Systems

1.6 Acronyms and Definitions

1.6.1 Acronyms

The terms used in this BSCP are defined as follows:

BSC	Balancing and Settlement Code
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
CMS	Central Management System
DIP	Data Integration Platform
DTC	Data Transfer Catalogue
EFD	Effective From Date
EM	Equivalent Meter
GSP	Grid Supply Point
Id	Identifier

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ISD	Industry Standing Data
kWh	Kilowatt Hour
LDSO	Licensed Distribution System Operator
mCMS	Measured Central Management System
MSID	Metering System Identifier
MPL	Meter Point Location
OID	Operational Information Document
PECU	Photo Electric Control Unit
SMRS	Supplier Meter Registration Service
SVA	Supplier Volume Allocation
UMS	Unmetered Supplies
UMSDS	Unmetered Supplies Data Service
UMSO	Unmetered Supplies Operator of the LDSO
UMSUG	Unmetered Supplies User Group
UTC	Co-ordinated Universal Time
WD	Working Day

1.6.2 Definitions

Full definitions of the above acronyms and other defined terms used in this BSCP are, where appropriate, included in the Code. For clarification, definitions are provided below for terms specifically associated with UMS:-

“Apparatus” means all equipment in which electrical conductors are used, supported or of which they may form part;

“Applicant” means the person applying for a Charge Code, Switch Regime or for an EM Approval.

“Astronomical Almanac” means the Astronomical Almanac published annually by the Stationery Office or other suitable publication;

“Central Management System” means a system that is able to dynamically control and manage the electrical load used by Apparatus registered as an Unmetered Supply;

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"Charge Code" means a code assigned to unmetered equipment that specifies the associated circuit watts and other technical information for the equipment

"CMS Manufacturer" means a person marketing a Central Management System;

"Detailed Inventory" means an inventory of Apparatus as specified in the Section titled Standard File Format for Detailed Inventories in the Operational Information Document;

"Equivalent Meter" means the hardware and software Operated by the UMSDS;

"Inventory Sequence Number" means a sequential number used to positively identify a later version of inventory data for that relevant MPAN;

"Market Message" - means a structured communication sent between two Market Participants in the form and with the content required (and as otherwise specified) by the Data Specification

"Measured Central Management System" means a subset of Central Management System that is able to use feedback from an active measuring device to dynamically control and manage the electrical load used by UMS Apparatus;[1]

"PECU Array" means the hardware agreed by the UMSO with the UMSDS;

"Sub-Meter" means a unique identifier that an Equivalent Meter uses to associate the inventory items within an MSID with different groupings such as PECU array, CMS or split of inventory at Customer request;

"Switch Regime" means a code assigned to unmetered equipment that specifies the switching, dimming times and other technical information for the equipment;

"UMS Inventory" means a summarised version of the Detailed Inventory provided to the UMSO by the Customer including the CMS controlled Apparatus where appropriate;

"UMSDS System" means the Equivalent Meter software and hardware operated by the UMSDS and used to calculate UTC Period Level Consumption or export.

[1] Measured Central Management Systems (mCMS) shall not be used for controlling street lighting. Apparatus that controls street lighting can use active measurement but must follow the testing and approval process for CMS rather than mCMS. BSCCo may from time to time update the Operational Information Document (OID) to provide further guidance on the uses of mCMS.

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2 Responsibilities of the LDSO and the UMSO

2.1 LDSO activity:

(a) Appointing an UMSO to carry out the responsibilities required by the Code;

(b) Ensuring that all new UMS connections are either included in an existing inventory or a new inventory has been agreed with the UMSO;

(c) Arranging physical connection once an MSID has been registered in the Supplier Meter Registration Service (SMRS), disconnection, energisation, de-energisation of unmetered supplies;

(d) Where connection work is carried out by a Customer's Independent Connection Provider (ICP) ensuring that suitable arrangements to manage the ICP are in place such that the requirements described in b) and c) above are met;

(e) Where a new UMS is agreed by the UMSO, submitting the new MSID data to SMRS;

(f) Providing any other additional information required to enable the Supplier to determine the Distribution Use of System (DUoS) charges; and

2.2 Responsibilities of the UMSO

The UMSO must be qualified to operate as a Service in line with the Qualification Process set out in the BSC.

2.2.1 The UMSO is responsible for the following:

(a) checking and validating the Detailed Inventory provided by the UMS Customer;

(b) providing a copy of the D0388 UMS Inventory to the appointed UMSDS. Agreed updates to the UMS Inventory) will be similarly passed to the appointed UMSDS;

(c) providing Unmetered Supply Certificates, where requested by the Supplier or Customer.

(d) informing the Supplier and UMSDS of the type of Equivalent Meter (EM) (i.e. whether passive or dynamic) to be used in the LDSO's area;

(e) agreeing with the UMSDS the location of any associated photo-electric cell unit (PECU) Arrays in accordance with the siting procedures;

(f) agreeing with the UMSDS the latitude and longitude information for the installed Apparatus for each Sub-Meter;

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(g) for supporting the Trading Dispute process as required by Section W of the Code;

(h) for responding to any queries raised by ~~the Panel~~BSCCo, Supplier, the Supplier Volume Allocation Agent, the LDSO, the UMSDS and / or the BSC Auditor;

(i) providing Suppliers with the data that will enable them to fulfil their obligations under the Code;

(j) responding to queries raised by the Supplier, UMSO, the Market-wide Data Service, the BSC Auditor and the LDSO;

(k) notifying Suppliers and UMSDS on discovering that any Settlement data for which the UMSO is responsible is potentially incorrect or missing;

(l) ensuring that the Customer continues to comply with the conditions for an Unmetered Supply;

(m) validating all Charge Codes, Switch Regimes and Variable Power Switch Regimes against the Operational Information Document (OID) and associated Industry Standing Data;

(n) informing the LDSO of any Meter Point Location (MPL) address updates; and

(o) ensuring that MSIDs and inventory data for Measured Central Management Systems (mCMS) are kept separate from, and are not combined with, MSIDs or inventories for other UMS Apparatus.

The following data items are not required by the UMSO and should be ignored:

(a) Consent Granularity;

(b) LLF Id;

(c) Domestic Premises Indicator.

The UMSO shall record and use such Industry Standing Data (ISD) as is considered appropriate by ~~the Panel~~BSCCo (having regard to the UMSO's functions) and shall, in particular, use only ISD for those items in relation to which there is a ISD entry or other information determined by the UMSO where such information does not conflict with ISD.

2.2.2 Inventory of Unmetered Apparatus

One of the criteria for agreeing an UMS is that the Customer shall be required to provide and maintain an accurate, Detailed Inventory as agreed with the UMSO.

Any requirement for additional classifications of Apparatus, load rating information and Switch Regimes shall be referred to BSCCo.

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Following approval by ~~the Panel~~BSCCo, the UMSO shall implement any revisions applicable to changes of classifications of Apparatus, Switch Regimes and load ratings (including dimming level load rating where appropriate) relating to UMS.

The UMSO shall also implement any Charge Codes issued by BSCCo.

2.2.3 Allocation of MSIDs

The UMSO will obtain a unique MSID from the LDSO and record if the MSID is for Import or Export.

2.2.4 UMS Certificate

The UMSO shall issue a UMS Certificate to the Customer for each agreed MSID if requested, which may cover multiple exit points. The UMS Certificate is only issued on request by the Supplier or Customer.

If required the UMS Certificate will contain the following minimum information:

(a) name of the LDSO;

(b) issue date;

(c) Effective From Date;

(d) MSIDs, and DUoS Tariff id and.

(e) MPL

2.2.5 Trading

The Supplier shall appoint Party Agents and send the registration details to SMRA.

The UMSO will be aware of the appointed UMSDS as advised via the IF-036. The UMSO shall send a copy of the D0388 UMS Inventory to the UMSDS appointed for an MSID. Where the UMSO requires more than one PECU Array to be installed for a MSID, the D0388 UMS Inventory shall identify the Apparatus, suitably codified with a different Sub-Meter assigned to each PECU Array. Where a CMS is required, the UMS Inventory shall detail the Apparatus that is to be managed by the CMS. The UMSO shall send a copy of the D0388 UMS Inventory to the UMSDS appointed for a MSID.

Where DIP Market Messages are used to send information to an UMSO from the relevant Supplier Meter Registration Agent, the UMSO may choose not to subscribe to receive the relevant Market Message and may access the information via internal communication channels.

2.2.6 Termination of Appointment of UMSO

The UMSO will be responsible for continuing to perform the role of the UMSO for the settlement days of its appointment even after a MSID is disconnected, until the Final Settlement run, and for any subsequent Dispute runs.

2.3 General UMSO Service Requirements

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2.3.1 Process data in a timely manner

The UMSO must process data and share outputs with other parties in line with timescales set as defined in this BSCP.

2.3.2 Qualification for DIP access

The UMSO must undergo Onboarding in order to realise operational access to the DIP.

2.3.3 Reporting requirements

The UMSO must provide and receive reports in line with agreed reporting requirements and delivery methods.

2.3.4 Ability to use existing DTC flows

The UMSO requires the continued use of DTC flows, UMSOs should ensure that if they plan to service customer types that utilise these processes then a mechanism will be required for transmitting/receiving DTC flows.

2.3.5 Validate data

The UMSO should implement data validation steps and techniques that they feel are appropriate to ensure the most accurate and efficient delivery of the service.

2.3.6 Electricity Enquiry Service

UMSOs could choose to take advantage of the Electricity Enquiry Service (EES previously known as ECOES) in order to obtain the current data associated with an MSID in cases where a query arises around the accuracy of data held.

2.3.7 Manage data on receipt of interfaces

The UMSO must maintain and update their records with any data received on interfaces to ensure the most accurate and efficient delivery of the service.

2.3.8 Receive proposed appointment service request

The UMSO must obtain Registration Service Request for Service Appointment with the UMSO proposed appointment requests, via the appropriate interface on the DIP.

2.3.9 Validate and respond to proposed appointment service request

The UMSO must confirm that they are certified to service the connection type and able to contractually deliver the UMSO based on the information contained in the proposed appointment request and publish a response (acceptance or rejection) on the DIP via the appropriate interface. Where a request is rejected the UMSO must provide an appropriate rejection reason in the response. When the appointment request is accepted the UMSO should be aware that at this point the appointment remains "prospective" and there is a possibility that it may need to be lapsed at a later stage.

2.3.10 Existing appointment amendment

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The UMSO must be able to process requests to vary the conditions of an existing appointment received via the appropriate interface. For example change of contract code. These should be validated and an outcome returned using the appropriate interface. In the case of rejection the existing appointment will continue un-amended.

2.3.11 Receive de-appointment notification

The UMSO must obtain Registration Service Notification of Service De-Appointments via the appropriate interface on the DIP and maintain records accordingly.

2.3.12 Receive Registration notification of UMSO accepted/rejected appointments

UMSO must obtain Registration Service Appointment Status Notification updates, acknowledging the Prospective UMSO accepted/rejected appointments, via the appropriate interface on the DIP and maintain records accordingly.

2.3.13 Receive prospective appointment notification

The UMSO must obtain Registration Service Appointment Status Notifications, with prospective UMSO appointments, via the appropriate interface on the DIP and maintain records of prospective UMSO.

2.3.14 Receive the UMSO appointment notification

The UMSO must obtain Registration Service Notification of Service Appointment & Supporting Info updates, with confirmed UMSO appointments, via the appropriate interface on the DIP and update records with MSID and Meter Technical Details (ADS and SDS only). For the avoidance of doubt this is the message that indicates that an appointment will/has taken effect.

2.3.15 Receive a lapsed appointment notification

The UMSO must obtain Registration Service Appointment Status Notifications, with the UMSO lapsed appointments, via the appropriate interface on the DIP and update records accordingly so as to ensure that that the appointment does not become effective.

2.3.16 Receive prospective Data Service appointment notification

The UMSO must obtain Registration Service Appointment Status Notifications, with prospective Data Service appointments, via the appropriate interface on the DIP and maintain records of prospective Data Service.

2.3.17 Receive Data Service appointment notification

The UMSO must obtain Registration Service Notification of Service Appointment & Supporting Info updates, with confirmed Data Service appointments, via the appropriate interface on the DIP and maintain records accordingly.

2.3.18 Receive de-appointment with reason of disconnection

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The UMSO must obtain Registration Service Notification of Service De-Appointments, with a de-appointment reason of disconnection, via the appropriate interface on the DIP and maintain records accordingly.

2.3.19 Receive change of energisation request

The UMSO must be able to receive a change of energisation status request via the appropriate interface.

2.3.20 Receive change of energisation outcome

The UMSO must be able to receive a change of energisation status outcome from the LDSO via the appropriate interface.

2.3.21 Notify unable to action change in energisation status

The UMSO must be able to publish a notification to the Supplier, advising when a change in energisation status cannot be actioned, to the DIP via the appropriate interface.

2.3.22 Update registration service with change in energisation status

The UMSO must be able to provide updated energisation status details to the DIP via the appropriate interface.

2.3.23 Validate updates and manage rejections

The UMSO must be able to obtain and process Registration Service Notification of Change of Energisation Status updates via the appropriate interface on the DIP. Any rejections should be investigated and re-submitted as appropriate.

2.3.24 Receive Meter Point Location (MPL) address/GSP Group ID update notification

The UMSO must obtain MPL address/ GSP Group ID updates via the appropriate interface on the DIP and maintain records accordingly.

2.3.25 Receive Energy Direction update notification

The UMSO must be able to obtain Energy Direction updates via the appropriate interface on the DIP and maintain records accordingly.

2.3.26 Receive Metered Status update notification

The UMSO must be able to obtain Metered Status updates via the appropriate interface on the DIP and maintain records accordingly.

2.4 Systems and Processes

The UMSO shall use systems and processes so approved in accordance with BSCP537 in the operation its Services. These systems and processes must also comply with all other applicable requirements set out in the Code and other relevant Code Subsidiary Documents.

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2.5 Service Availability

2.5.1 Each UMSO shall provide, operate and maintain its systems during standard Working Days. During these hours, the UMSO will process inbound messages and issue outbound notifications as set out in Section 3. Inbound messages received outside these hours will be queued and processed from the commencement of the next operational window, which in most cases will be the start of the next Working Day and to timescales as defined in Section 3.

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3 Interface and Timetable Information

3.1 Establishment of a New MSID

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.1	On receipt of a UMS application.	Agree that the application for UMS meets the requirements of Section 1.1 above.	UMSO	Customer	Signed UMS Connection Agreement.	Paper, fax or electronic media, as agreed.

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REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.2	Within 15 WD of completing 3.1.1 or receiving the Customer's proposed Detailed Inventory, whichever occurs later.	Validate all Charge Codes and Switch Regimes against the OID and ISD. If the proposed Detailed Inventory passes validation, agree the inventory and proceed to step 3.1.3. Otherwise reject the inventory and, if subsequently resubmitted by the Customer, repeat this step within 15 WD of the resubmission.	UMSO	Customer	Customer's proposed Detailed Inventory. Advise that Detailed Inventory is invalid, reasons for rejection.	Paper, fax or electronic media, as agreed.
3.1.3	Following 3.1.2.	UMSO requests new MSID.	UMSO	LDSO	GSP Group ID, DUoS Tariff Id, MPL, Connection Type, Energy Direction , Metered Indicator and Market Segment.	Email (or internally as agreed) from the UMSO to the LDSO. "
3.1.4	Following 3.1.3.	LDSO creates/allocates MSID as per BSCP501. The LDSO will set the initial Energisation Status of the MSID to De-Energised.	LDSO	SMRS	MSID, GSP Group ID, DUoS Tariff Id, MPL, Connection Type, Energy Direction, Metered Indicator and Market Segment.	Electronic or other agreed method

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REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.1.5	Following 3.1.4.	Send MSID to UMSO.	LDSO	UMSO	E-mail or as internally agreed.	Electronic or other agreed method
3.1.6	Following 3.1.5 when requested, issue UMS Certificate to Customer and/or Supplier.	Complete UMS Certificate. Issue to Customer . Issue to Supplier, if appointed by the Customer earlier on in the process.	UMSO	Customer, Supplier.	Advise of MSID.	Paper, fax or electronic media, as agreed.

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3.2 Prospective Appointment of the UMSO

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1	Upon successful validation of Initial Appointment Request.	UMSO receives and validates initial Appointment. Request.	SMRS	UMSO	IF/PUB-033 SMRS Request for Supplier Agent Appointment	DIP Interface
3.2.2	Within1 hour following receipt of Initial Appointment Request.	Provide Response to Appointment Request. If accepted, proceed to 3.2.4, otherwise proceed to 3.2.3.	UMSO	SMRS	IF/PUB-034 Supplier Agent Appointment Response to SMRS	DIP Interface
3.2.3	Within1 hour of receipt of the notification in 3.2.2 where Appointment is rejected.	Reject Appointment. UMSOs must, for any proposed appointments it rejects, delete any details received, within 30 days of notifying the rejection.	UMSO	SMRS	IF/PUB-034 Supplier Agent Appointment Response to SMRS	DIP Interface
3.2.4	Within 1 hour of receipt of the notification in 3.2.1 where Appointment is accepted.	Accept Appointment. UMSOs must be able to process requests to vary the conditions of an existing appointment received via the appropriate interface. For example change of contract code. These should be validated and an outcome returned using the appropriate interface. In the case of rejection the existing appointment will continue un-amended.	UMSO	SMRS	IF/PUB-034 Supplier Agent Appointment Response to SMRS	DIP Interface

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3.2.5	Following 3.2.2	Manage UMSO Proposed Appointment Outcome Response.	SMRS	UMSO	IF/PUB-035 Registration Service Appointment Status Notification (receipt is optional)	DIP Interface

3.3 Confirmed Appointment of the UMSO

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1	For the prospective Appointment,	UMSO Notified Pending Appointment as Effective.	SMRS	UMSO	IF/PUB-036 SMRS Notification of Supplier Agent Appointment & Supporting Information	DIP Interface
3.3.2	At any time.	UMSO receives Notification of Registration Data Item Changes.	SMRS	UMSO	IF/PUB-018 Notification of Registration Data Item Changes	DIP Interface

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3.4 Change of UMSDS

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.41	On confirmation of the UMSDS Appointment.	UMSO Notified of UMSDS Appointment as Effective.	SMRS	UMSO	IF/PUB-036 Supplier Notification of Supplier Appointment & Supporting Information	DIP Interface
3.4.2	Following 3.4.1 and within 10 WD.	UMSO provides the mode of EM operation (Passive or Dynamic. The default position is a passive calculation unless advised otherwise by the UMSO) and agree the location, if any, of the PECU Array(s) and other factors relevant to the PECU Array Siting Procedure in 4.5.	UMSO	New UMSDS	Where not using the default position (Passive), advise UMSDS of the mode of operation (Dynamic PECU or CMS), and agree the location, if any, of the PECU Array(s) and other factors relevant to the PECU Array Siting Procedure in 4.5	Electronic or other agreed method
3.4.3	Following 3.4.2.	The UMSDS and UMSO will use the default Sub-Meter, unless they agree to use a specific Sub-Meter ID.	UMSO	UMSDS	Agreed Sub-Meter Id(s)	Electronic or other agreed method
		Go to Section 3.6 Provision of an UMS Inventory.				

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3.5 Termination of Appointment

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.5.1	SMRS Auto de-appointment.	UMSO receives de-appointment from SMRS.	SMRS	UMSO	IF/PUB-037 SMRS Notification of Supplier Agent De-Appointment	DIP Interface

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3.6 Provision of an UMS Inventory

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.6.1	When change(s) to unmetered Apparatus.	Send proposed revised Detailed Inventory to UMSO.	Customer	UMSO	Customer's proposed revised Detailed Inventory.	Paper, fax or electronic media, as agreed.
3.6.2	Within 15 WD of 3.6.1.	Validate all Charge Codes and Switch Regimes against the OID and associated spreadsheets. If the proposed revised Detailed Inventory passes validation, agree the inventory and proceed to step 3.6.3. Otherwise reject the inventory and repeat step 3.6.1 and 3.6.2 as required.	UMSO	Customer	If validation passed, Customer's Approved Detailed Inventory with agreed EFD. If validation failed, reasons for rejection.	Paper, fax or electronic media, as agreed.
3.6.3	Within 2 hours of Confirmation of UMSO Appointment or UMSO has agreed amendments to Detailed Inventory with Customer	UMSO sends UMS Inventory to UMSDS	UMSO	UMSDS	D0388 – UMS Inventory	Electronic or other agreed method
3.6.4	Validate UMS Inventory against OID and ISD and respond to 95% of inventory items by end of the next working day. Responses on all inventory item shall be completed by 5 WD.	UMSDS rejects UMS Inventory and await new UMS Inventory. If the D0389 indicates acceptance, then there is no further action by the UMSO. If the D0389 is rejected or not received back in 5WD, then the UMSO needs to investigate and resolve.	UMSDS	UMSO	D0389 – UMS Response	Electronic or other agreed method.

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3.6.5	If UMS Inventory passes validation.	UMSDS processes using EM and sends response to UMSO and where appropriate, send a copy of UMS Inventory extracted from the EM to the Customer. The UMSO shall note the response from the UMSDS.	UMSDS	UMSO, Customer.	D0389 – UMS Response Report of UMS Inventory content.	Electronic or other agreed method Paper, fax or electronic media, as agreed.

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3.7 Change of Energisation Status of an MSID

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.7.1	When LDSO completes physical work and confirms to UMSO change in Energisation Status of MSID as appropriate. When Customer notifies of logical changes to MSID requiring a change of Energisation Status. When Supplier requests change of energisation.	Send details of Energisation change to the UMSO.	LDSO Customer Supplier	UMSO UMSO UMSO	MSID, details of Energisation Status change	Electronic or other agreed method.
3.7.2	Following 3.7.1 where Change of Energisation Status agreed.	UMSO sends Energisation Status and effective date update manages and confirms to Supplier and UMSDS actual energisation or de-energisation date.	UMSO	SMRS	IF/PUB-007 Change of Energisation Status	DIP Interface
3.7.3		UMSO receives notification of Change of Energisation Status.	SMRS	UMSO	IF/PUB-008 SMRS Notification of Change of Energisation Status	DIP Interface
3.7.4	If energised.	If required UMSO must update the Unmetered Supplies Inventory in line with the energisation change and provide it to the UMSDS.	UMSO	UMSDS	D0388 – UMS Inventory	Electronic or other agreed method
3.7.5	If de-energised.	UMSO sends a D0388 UMS Inventory with a zero Charge Code.	UMSO	UMSDS	D0388 – UMS Inventory	Electronic or other agreed method

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3.8 Disconnection of an MSID

REF.	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.8.1	Any party requests disconnection of UMS MSID.	Pass request and any supporting Information to UMSO.	Customer, LDSO, Supplier.	UMSO	Details of MSID to be Disconnected	Electronic or other agreed method.
3.8.2		UMSO reviews Energisation Status, and determine is action needed to de-energise the MSID prior to informing LDSO of the requirement to de-energise and of the Disconnection. See 3.7 Change of Energisation Status of an MSID	UMSO			Internal Process
3.8.3	Where an UMSO determines that an MSID is no longer required.	UMSO advises LDSO that MSID is no longer required and can be disconnected.	UMSO	LDSO	MSID, Disconnection Date, Disconnection Type	Electronic or other agreed method.
3.8.4	SMRS Auto de-appointment.	UMSO receives de-appointment from SMRS relating to a disconnection.	SMRS	UMSO	IF/PUB-037 SMRS Notification of Supplier Agent De-Appointment	DIP Interface

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3.9 UMSO accesses Industry Standing Data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.9.1	Each time ISD is published.	UMSO Receives notification of ISD Update	ISD	UMSO	IF/PUB-047 Notification of the Publication of a Downloadable Asset	DIP Interface
3.9.2	Following 3.9.1.	UMSO Accesses ISD data using Distribution Delivery URI	UMSO	ISD	Distribution Delivery URI	
3.9.3	Following 3.9.2.	UMSO Validates and Stores ISD Data[2]	UMSO		Internal Process	
3.9.4	Following 3.9.3.	Ensure all ISD affecting the accuracy of Settlement is accurately entered and used in performing its functions.	UMSO			Internal Process.
3.9.5	Following 3.9.4.	Update database.	UMSO			Internal Process.

[2] The UMSO must utilise Industry Standing Data to identify the relevant DIP ID/Role or DTN Market Participant ID/Role, as appropriate, to be used when communicating over the DIP/DTN.

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3.10 Equivalent Meter Fault Reporting - UMSO Notification

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.10.1	As soon as reasonably practical.	Report the fault and the dates covered by the fault and the date and time of rectification.	UMSDS	Supplier, UMSO.	Details of the fault, including the dates covered by the fault and the date and time of rectification.	Electronic or other agreed method.
3.10.2	When a potential fault or inconsistency is identified for which the UMSDS is responsible, which means that data may be or is missing and/or incorrect.	Advise of the potential for a fault or inconsistency.	UMSO	UMSDS, Supplier.	When a potential fault or inconsistency is identified for which the UMSDS is responsible, which means that data may be or is missing and/or incorrect.	Advise of the potential for a fault or inconsistency.

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3.11 Central Management System - Fault Reporting to the UMSO

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.11.1	Following notification of a fault where fault is with CMS data being provided to the UMSDS.	If fault is with Customer's D0388 UMS Inventory files. If fault is with data received in CMS event logs, proceed to 3.11.4.	UMSDS	Customer, UMSO.	Details of the potential fault or inconsistency. e.g. mismatched CMS Unit References, invalid D0388 UMS Inventory, etc.	Email, fax, post
3.11.2	Within 20 WD.	Investigate fault and rectify it as required. If fault not rectified within 20 WD proceed to 3.11.3.	Customer, UMSO.	UMSDS	Corrected data including updated D0388 UMS Inventory as appropriate.	Electronic or other agreed method.
3.11.3	Following 3.11.2 where fault has not been rectified within 20 WD.	If fault is with Customer's inventory or with the inventory details in the CMS, UMSO shall take action to ensure the UMSO and Customer comply with Section 1.1.1 of this BSCP.	UMSO	Customer, UMSDS.	Details of fault and actions required by Customer to rectify fault.	Email, fax, post.
3.11.4	Following 3.11.3 where fault is with event logs.	If fault is with single Customer's CMS data e.g. missing/invalid event logs, time discrepancies, erroneous switching patterns, etc. If fault is with multiple customer instances of CMS proceed to 3.11.6.	UMSDS	CMS Manufacturer, Customer, UMSO.	Details of the CMS fault causing errors in the energy calculations.	Email, fax, post.

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.11.5	Within 20 WD	CMS Manufacturer to liaise with UMSDS, Customer and UMSO (as necessary) to send corrected event logs that rectify fault.	CMS Manufacturer	UMSDS	Corrected event logs.	Electronic or other agreed method.
3.11.6	Following 3.11.5 where fault has not been rectified within 20 WD or same fault occurring in multiple instances of CMS.	UMSDS to send details of fault and discussions with CMS Manufacturer to rectify fault.	UMSDS	BSCCo, CMS Manufacturer, UMSO.	Report details of the CMS fault causing errors in the energy calculations being provided to Settlement including list of Customers using the faulty CMS and affected UMSOs.	Email, fax, post.
3.11.7	Within 20 WD.	BSCCo to liaise with CMS Manufacturer and UMSDS and UMSO to agree action plan to resolve fault.	BSCCo	CMS Manufacturer, UMSDS, UMSO.	Agreed action plan.	Email, fax, post
3.11.8	If fault not rectified in accordance with action plan.	BSCCo to advise CMS Manufacturer of failure to meet action plan requirements.	BSCCo	CMS Manufacturer, UMSDS, UMSO.	Notification of failure and intention to refer to UMSUG.	Email, fax, post
3.11.9	At next opportune UMSUG meeting.	Prepare and present report to UMSUG to consider removal of CMS approval.	BSCCo	UMSUG	UMSUG Paper.	Internal process

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.11.10	Within 5 WD following 3.11.9.	If UMSUG recommendation is to remove approval, notify CMS Manufacturer, affected Customers, UMSOs, and UMSDSs. Proceed to 3.11.11. If recommendation of UMSUG is to retain approval of CMS, subject to fault rectification and/or repeat of CMS approval process.	BSCCo BSCCo	CMS Manufacturer, Customers, UMSOs, UMSDSs. CMS Manufacturer, Customers, UMSOs, UMSDSs.	UMSUG recommendation and any supporting information. UMSUG recommendation and any supporting information.	Email, fax, post. Email, fax, post.
3.11.11	At next opportune SVG meeting.	Prepare and present report to SVG recommending removal of CMS approval.	BSCCo	SVG	SVG Paper.	Internal process
3.11.12	Within 5 WD of 3.11.11.	Notify CMS Manufacturer of SVG decision. If CMS approval removed, proceed to 3.11.13. If decision of SVG is to retain approval of CMS, subject to fault rectification and/or repeat of CMS approval process.	BSCCo	CMS Manufacturer, Customers, UMSOs, UMSDSs.	SVG decision and any supporting information.	Email, fax, post
3.11.13	Within 5 WD of 3.11.12.	Update Approved CMS list on BSC Website with details of approved EM	BSCCo		CMS Approval Details.	Internal Process

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REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.11.14	Where CMS approval has been withdrawn.	UMSO shall take action to ensure the UMSO and Customer comply with Section 1.1.1 of this BSCP.	UMSO	Customer	Details of CMS approval removal and actions required by Customer to rectify fault.	Email, fax, post.

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3.12 Change of Connection type or Change of Segment

On change of connection type from unmetered the UMSO will be de-appointed and the MSID will be disconnected as per Section 3.8. If the connection type and Market Segment has changed to unmetered the new connection process set out in Section 3.1 will be followed.

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4 Appendices

4.1 Unmetered Charge Codes

Charge Codes for Unmetered Apparatus can be found in the OID and associated Charge Codes obtained in the Industry Standing Data:

- UMS Charge Codes (Entity M9)
- UMS Manufacturer Equipment LED Range Charge Codes (Entity M10)

BSCCo will process applications and construct Charge Codes where the intention of the applicant is to connect or market the Apparatus nationally. For clarity, 'nationally' means in GSP Groups controlled by more than one UMSO. Where the Apparatus is intended for use solely within a single UMSO's GSP Group(s), an application to ~~the Panel via~~ BSCCo is not required.

4.2 Switch Regimes

The Switch Regime is described in the OID and a complete list may be found on the Industry Standing Data:

- UMS Switch Regimes (Entity M11)
- UMS Variable Power Switch Regimes (Entity M12)

4.3 PECU Arrays

4.3.1 PECU Array Siting Procedure

The UMSDS shall maintain and operate the PECU Array or, as the case maybe, PECU Arrays used for a particular MSIDs. The siting of the PECU Arrays will be agreed between the UMSO and the UMSDS and be located in an area with a high density of Apparatus unless otherwise agreed between the UMSO and the UMSDS.

4.4 UMSO Validation of the Detailed UMS Inventory

4.4.1 UMSO Validation

UMSO shall validate the Detailed Inventory and create a subsequent D0388 UMS Inventory.

The UMSO shall use both the Operational Information Document (OID) and the ISD to ensure the Detailed Inventory is complete for all items connected to the Distribution Network and all items within the Detailed Inventory are valid and correctly formatted.

4.5 Creation of D0388 - UMS Inventory

The UMSO is required to provide a D0388 UMS inventory to the UMSDS that covers the period of the respective UMSDS appointment.

The D0388 will contain information forming the UMS Inventory (as appropriate).

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Information for multiple MSIDs can be included in a single D0388 submission.

Each submission of the D0388 for a MSID to a UMSDS shall have an incremented Inventory Sequence Number for that MSID, which will not reset during the life of the MSID.

The submission of D0388 UMS Inventory can include information for one or more Sub-Meters for that MSID.

When there are historic updates for any Sub-Meter then the entry in the D0388 UMS Inventory should include inventory information for the earliest effective from date. Inventories for subsequent effective from dates should be submitted with an incremented Inventory Sequence Number. For example, a retrospective update effective from 1st Dec 2020, would replace information already held by the UMSDS effective from 1st Jan 2021, 1st Feb 2021, etc.; so, the UMSO will need to resend the information for all later effective from dates.

On change of Supplier, with no change of UMSDS, the UMSO does not need to resend any information to the UMSDS.

If the UMSO receives a statement from the customer, or otherwise determines that the inventory has not changed, the UMSO is not limited from sending an update (even including the same inventory details) to the UMSDS.

The effective from date of an inventory shall be within a valid range defined as at least 5 days prior to the latest scheduled Final Reconciliation (Run) in the past and not more than 30 calendar days in the future of the submission date. The UMSO should remind the customer in a timely manner where UMS Detailed Inventory updates are required. Where registration activity is complete and all parties are appointed following a change of UMSDS or the commencement of a new MSIDs, the UMSO should send a D0388 UMS Inventory with an effective from date set to be the registration start date of the new MSIDs or the appointment date of the new UMSDS; the flow should be sent prior to the commencement date, but no more than 30 days prior to the commencement date. Following a change of UMSDS or the commencement of a new MSID the UMSDS will require information for all the Sub-Meters for the MSIDs.

The UMSO should populate the Effective From Date (in the D0388) so as to align with the Appointment Date. So for example, during BST, for a 1st July appointment the D0388 UMS Inventory should state 1 July (even though, where no previous Data Service exists, the UMSDS should calculate periods 47 & 48 of the 30th June UTC Settlement Date).

4.6 Festive Lighting

Festive lighting shall be treated as energised, but only de-energised if it is disconnected. In the scenario where festive lighting is not active, a zero Watt Charge Code should be submitted to the UMSDS on the D0388 UMS Inventory, and it will be up to the appointed UMSO to manage.

4.7 Processing of the D0389 by the UMSO

The UMSDS will validate the D0388 and provide D0389 UMS Response.

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The UMSO should review the D0389 responses.

If the Inventory Sequence Number is shown as Accepted, then the submission has been accepted and no further action is required. If the Inventory Sequence Number is shown as Rejected, then the reasons for rejection should be considered and resolved. Where necessary a revised submission should be prepared.

4.7.1 UMSDS Response Reason Codes on the D0389

(a) File received from incorrect UMSO or invalid MSID

If received from the incorrect UMSO, identified from MSID initial two digits and UMSO MPID; or if the MSID is invalid (e.g. wrong length or check digit does not validate) then the Inventory is rejected. If it fails these tests then it is rejected with Response Reason Code = B

(b) Inventory Sequence Number error.

If the Inventory Sequence Number is equal to, or lower, than the Inventory Sequence Number currently recorded as processed (accepted or rejected) by the EM for that MSID then the Inventory is rejected; or there are two identical Inventory Sequence Numbers for a MSID in the process queue, it is therefore uncertain which set of data is correct, both will be rejected. If it fails these tests then it is rejected with Response Reason Code = C

(c) Invalid Effective From Date.

If the effective from date is outside the valid range, then it will be rejected. If it fails these tests then it is rejected with Response Reason Code = D

(d) No appointment

If the UMSDS is not appointed to the MSID for the effective from date of the inventory, then it is rejected. If it fails this test then it is rejected with Response Reason Code = E

(e) Invalid Sub-Meter

If the Sub-Meter is not valid for the MSID, then it is rejected. If it fails these tests then it is rejected with Response Reason Code = F

(f) Invalid Switch Regime

A single entry of any invalid Switch Regime identified in any of the Sub-Meters, identified with UMS Error Code = A.

(g) Invalid Charge Code

A single entry of any invalid Charge Code identified in any of the Sub-Meters, identified with UMS Error Code = B.

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(h) Invalid combination of a valid Charge Code associated with a valid Switch Regime

Where the combination of a valid Charge Code (including controllers) or a valid Switch Regime are identified as an invalid combination as defined in current OID and MDD, then a single entry of the invalid combination is identified with UMS Error Code = C.

Invalid Switch Regime and invalid Charge Codes will have been reported against Error Code A & B respectively and will not be reported again in this group.

i) Invalid CMS Unit Reference

CMS Unit Reference which are duplicated, have the incorrect number of characters, or commence with an H or T are deemed to be invalid and identified with UMS Error Code = D.

If all the detailed checks are passed, then the Inventory Sequence Number will be Response Reason Code = A, for accepted. The information provided will be applied to the EM.

If any of the detailed checks fail, then the Inventory Sequence Number will be Response Reason Code = G, for Errors with Charge Code, Switch regime or CMS Unit Reference. The information provided will not be applied to the EM.

The UMSO must communicate with UMSDS if a response D0389 is not received after 5 Working Days.

4.8 Energised MSIDs with no Inventory

Where the UMSO has identified to the UMSDS that a MSIDs is energised but the Detailed Inventory is not available from the customers the UMSO must submit a D0388 UMS Inventory to the UMSDS with the best estimate of the installed Apparatus. Otherwise a D0388 must be sent with a zero Charge Code. The D0388 must be re-sent promptly once the Detailed Inventory has been received from the customer and validated. This requirement is to avoid the UMSDS having to default to a Load Shape which may be significantly different from the load of the customer's Apparatus.

4.9 De-energised MSIDs

Where a MSIDs is de-energised the UMSO shall submit a zero Charge Code using the D0388 UMS Inventory.

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AMENDMENT RECORD– BSCP704

Version	Date	Description of Changes	Changes Included	~~Mods/ Panel/ Committee Refs~~Approval Reference(s)
1.0	22/09/2025	22 September 2025 Non-Standard Release	P478, P489	Panel 355A/02, Panel 364/09
2.0	06/11/2025	06 November 2025 Standard Release	CP1611	ISG294/09 SVG296/07 PAB (via ex-committee)

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