

Balancing and Settlement Code

PARTY SERVICE LINE

**GENERIC NON FUNCTIONAL REQUIREMENTS FOR
LICENSED DISTRIBUTION SYSTEM OPERATORS AND
MHHS PARTY-SUPPLIER AGENTS**

PSL200

Version 0.42

Date: **DD MM YYYY**

Commented [CB1]: The title should be the same in the headers and on P1 & P2. Is it 'BSC Parties' or just LDSOs that have to sign up to this PSL?

Commented [MHHS2R1]: Parties – Includes Suppliers Party Agents – Includes UMISO, SMRA...and also CVA MOA

Current proposal is that PSL200 includes LDSO/UMISO/SMRA and Supplier Agents as far as relates to MHHS Metering Systems. PSL100 will continue to apply to CVA MOAs and other Party Agents as relates to non-MHHS Metering Systems.

Another option would be to embed the NFRs in the new, role-centric, BSCPs – BSCP701, 702, 704, 705 706.

E2E Requirements spreadsheet contains NFRs relating to Suppliers and also MDS. Where should Supplier NFRs sit?

Party Service Line 2100

1. Reference is made to the Balancing and Settlement Code (the BSC) for the Electricity Industry in Great Britain and, in particular, to the definition of "Party Service Line".
2. This is Party Service Line PSL200, Version 0.~~42~~ relating to generic requirements for the following:
 - Licensed Distribution System Operators* (LDSOs);
 - Unmetered Supplies Operators* (UMSOs);
 - Supplier Meter Registration Services Agents* (SMRASs); and
 - Data Services (SDSs, ADSs and UMSDSs).

*Where applicable for MHHS Metering Systems. Where there is no involvement with MHHS Metering Systems refer to PSL100.

3. This PSL is effective from DD MM YYYY.
4. This PSL has been approved by the Panel.

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Amendment Record

Date	Version	Description of Changes	Changes included	Panel ref
31/10/2023	0.1	First draft	MHHS <u>SCR</u>	N/A
07/11/2023	0.2	Updated following Tom C comments	MHHS <u>SCR</u>	N/A
<u>07/12/2023</u>	<u>0.3</u>	<u>Updated following Elexon comments</u>	<u>MHHS SCR</u>	<u>N/A</u>
<u>03/01/2024</u>	<u>0.4</u>	<u>Updated following Mop-up 1</u>	<u>MHHS SCR</u>	<u>N/A</u>

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1 Introduction

1.1 Purpose and Scope of this PSL and UMSOs

1.1.1 This PSL defines the non-functional requirements that Supplier Agents (excluding SVA MOAs) and LDSOs/SMRAs/UMSOs shall comply with to fulfil their functions under the BSC. In this PSL certain common responsibilities and obligations are expressed to be undertaken by all of the following Market Participants (except where stated otherwise):

- SDSs;
- ADSs;
- UMSDSs;
- LDSOs*;
- SMRAs*; and
- UMSOs*.

*Where applicable for MHHS Metering Systems. Where there is no involvement with MHHS Metering Systems refer to PSL100.

~~1.1.2 The Supplier which appointed the relevant Supplier Agent (in this PSL, the “Associated Supplier”) shall be responsible for every act, breach, omission, neglect and failure of such Supplier Agent (in relation to that Supplier) and shall procure compliance by such Supplier Agent, with the relevant provisions of the BSC and Code Subsidiary Documents (CSDs); and may, if permitted to do so by the terms of the BSC, itself perform such responsibilities and obligations instead.~~

~~1.1.3 In this PSL, a reference to a person appointed by an Associated Supplier includes a reference to a person appointed by someone other than the Associated Supplier to perform the relevant functions in relation to a SVA Metering System for which the Associated Supplier is responsible.~~

1.1.42 For the purposes of this PSL, Supplier Agents and LDSOs/SMRAs/UMSOs (including when acting in their capacity as UMSO) will be referred to as “Market Participants”.

1.1.35 The Market Participant shall perform the responsibilities and obligations set out in this PSL in relation to each SVA Metering System to which it is appointed or responsible for.

1.1.46 The Market Participant shall comply with all requirements imposed by the DIP Rules.

1.1.57 In the event of any inconsistency between a BSCP, the DIP Rules and this PSL the conditions of the BSCP or DIP Rules shall prevail.

Commented [TC3]: This document only applies to BSC roles. So how are the similar obligations applied to Metering Services in the REC?

Commented [TC4]: Should the scope include the MDS and similar BSC central services?

Commented [MHHS5R4]: This would mean expanding the scope from PSL100 and also changing the scope of the BSC Central Services Service Description

Commented [TC6]: PSL100 is a much longer document. So are you positively determining that things left out of this document are no longer required by industry?

Commented [MHHS7R6]: PSL200 is a new document based on MHHS Design. This is an attempt at deciding what pieces of PSL100 to carry forward and what is not necessary in the MHHS world.

If you feel that this document is omitting something important then please let us know. Also happy to remove any retained text which industry feels is no longer necessary.

Commented [TC8]: Not sure what this is saying

Commented [MHHS9R8]: My understanding is that this text (copied from PSL100) is to cover scenarios where the Supplier Agent has been contracted directly by the customer rather than the Supplier.

Commented [CB10]: And as SMRSs & UMSDSs

Commented [MHHS11R10]: Technically you’re almost right...Is PSL100 incorrect or do we need to be referring to LDSO/UMSO/SMRA?

Commented [CB12]: ...as set out in [document name]

Commented [MHHS13R12]: Currently engaging with Chris Wood to get these references correct

1.2 BSC Provision

1.2.1 If the provisions of this PSL are inconsistent with the provisions of the BSC, the provisions of the BSC shall prevail to the extent of such inconsistency.

1.3 Acronyms and Definitions

Acronym / Term	Definition
BSC	Balancing and Settlement Code
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
ADS	Advanced Data Service
CP	Change Proposal
CSD	Code Subsidiary Document
DIP	Data Integration Platform
LDSO	Licensed Distribution System Operator
PSL	Party Service Line
SDS	Smart Data Service
SMRS	Supplier Meter Registration System
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
UMSDS	Unmetered Supplies Data Service
UMSO	Unmetered Supplies Operator

1.3.1 Other acronyms and defined terms used in this PSL which are not defined shall have the meaning given to them in Section X of the BSC.

2 System Design

2.1 ~~All Market Participants should, where possible, build in the ability to configure the settlement period duration during their solution design, in order to support any future move to a different settlement period duration~~

2.2 All Market Participants must obtain Industry Standing Data (ISD) update notifications via the appropriate interface, and, if required, take necessary steps to obtain refreshed ISD data, maintain their records accordingly and reference/ utilise ISD as appropriate as part of the service delivery.

2.32 [E2E0011] There shall be no data loss in the event of a single Application component failing.

Commented [CB14]: capitalise

Commented [MHHS15R14]: ok

Commented [MHHS16]: Should this design/build requirement be captured here?

Commented [CB17]: What about building in flexibility around the change to the Master Settlement Timetable?

Commented [MHHS18R17]: That isn't a requirement from the Design Artefacts

Commented [TC19]: Not sure what this means by 'single component failing' - is that a disc drive, a part of software, a UPS, etc.

Commented [MHHS20R19]: Design team response: Interfacing Applications needs to be designed so they are resilient to failures. This is true for both applications hosted in cloud and on premise. One of the key considerations of the application design is the mapping of application components, their relationships, communication patterns and how the application operates. This provides the understanding to development and support staff of the critical constructs in the application and manage any potential points of failure.

2.3 All Market Participants should operate their systems and processes in accordance with Good Industry Practice.

3 Service and System Availability

- 3.1 The Market Participant shall ensure that its systems availability is such that data is capable of being delivered within the timescales specified in the BSC and other CSDs, without detriment to the quality of the data delivered.
- 3.2 The Market Participant shall ensure that all the services described in the BSC and CSDs are performed by it in accordance with Good Industry Practice. In particular services shall be performed in a manner and within suitable time periods to allow other Market Participants to fulfil their obligations under the BSC in accordance with the Settlement Calendar.
- 3.3 [E2E1009] All Market participant services (involved in business processes affecting the Secured Active process) shall not plan outages within the Secured Active processing window, as defined in the REC.

4 Backup and Disaster Recovery

- 4.1 The Market Participant shall develop and maintain plans and procedures for providing backup and recovery facilities in the event of a disaster. This will include plans and procedures for dealing with a disaster which affects its activities as a Market Participant. Such plans and procedures shall enable the Market Participant to continue to provide the service as a Market Participant for all of the roles it is Qualified to provide following a disaster, and to resume normal working practices as soon as reasonably practicable.
- 4.2 Without prejudice to any of the provisions of this PSL, the Market Participant shall take reasonable steps to avoid any disaster which might affect their services. If this is not possible they shall minimise the disruption and impact of the disaster by implementing plans and procedures as described in 4.1 for backup and recovery should the need arise to ensure that the Market Participant is able to continue to provide services as set out under the BSC and CSDs.

5 Security/Access

- 5.1 The Market Participant shall use reasonable endeavours to maintain the physical and logical security of all hardware and software used by it and all data and other information acquired or held by it in the performance of its duties under the BSC and CSDs in order to prevent data loss or corruption.

6 Data Integrity

- 6.1 [MHHS-BR-DS-152] All Data Services should implement data validation steps and techniques that they feel are appropriate to ensure the most accurate and efficient delivery of the service

Commented [TC21]: Does this not sit better in the relevant BSCPs

Commented [MHHS22R21]: Possibly. However it is non-functional and does apply to all Services, so it does fit with the scope of this document

Commented [TC23]: No timeframe or otherwise is stated - should we expect someone to back & working with [x] days?

Commented [MHHS24R23]: This is from PSL100. Improving the text is out of scope of MHHS code drafting.

Commented [CB25]: This section is much less detailed than in PSL100 – why is this?

Commented [MHHS26R25]: Starting point is MHHS Design Artefacts. Rather than requiring specific items such as locked computer rooms, paragraph 2.3 is intended to cover this notion.

Commented [CB27]: Define as 'SDSs, ADSs & UMSDSs'

Commented [MHHS28R27]: I believe "Data Services" is being defined in X-1

- 6.2 [MHHS-BR-DS-157] All Data Services must maintain and update their records with any data received on interfaces to ensure the most accurate and efficient delivery of the service.
- 6.3 [E2E0012] Market Participants shall ensure measures are put in place to ensure separation of production and non-production system environments.

7 Reporting

- 7.1 All ~~Parties~~ Market Participants must provide and receive reports in line with agreed reporting requirements and delivery method as outlined in the relevant CSDs.

Commented [CB29]: Either say 'parties' or 'participants' 'Parties and Supplier Agents'

Commented [MHHS30R29]: participants

Commented [TC31]: What reports? What are "reports"?

Commented [MHHS32R31]: See design artefact

8 Retention of Records

- 8.1 [E2E0403] Participant systems shall maintain an archive of all transactional data for 24 months until 12 months after the relevant DF run. For information – this data is the record of messages sent and received noting, for example, the interface used, the unique reference, status code, date and time. The requirements for audit may extend this and specify message retention.