

## SVA Data Catalogue Volume 1

**Abstract** This document defines the data interfaces required by Supplier Volume Allocation under the BSC.

All of the interfaces are cross-referenced to the relevant Programme documents (Technical Specifications, BSC Procedures, Service Lines and BSC Service Lines) where the data flow and its usage were originally defined.

**Document Reference** Data Interfaces Used in the SVA Trading Arrangements

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	BSC Parties

### iii Contents

<b>0</b>	<b>DOCUMENT CONTROL.....</b>	<b>2</b>
i	Authorities .....	2
ii	Distribution List.....	2
iii	Contents .....	3
iv	Change History .....	4
v	Changes Forecast .....	6
vi	Related Documents .....	6
vii	Intellectual Property Rights and Copyright.....	6
<b>1.</b>	<b>INTRODUCTION.....</b>	<b>8</b>
1.1.	Purpose .....	8
1.2.	Objective .....	8
1.3.	Summary .....	8
1.4.	Scope .....	8
1.5.	Responsibilities .....	9
<b>2.</b>	<b>APPROACH USED IN DATA INTERFACE DEFINITION.....</b>	<b>10</b>
2.1.	Introduction.....	10
2.2.	Interface Definition .....	10
2.3.	Sources of Interface Definitions .....	10
2.4.	Data Flow Initiators and Recipients .....	10
2.5.	BSC Procedures Data Requirement .....	10
2.6.	Physical File Specification.....	11
2.6.1	General File Principles .....	11
2.6.2	Field Types.....	12
2.6.3	File Structure .....	12
2.6.4	Instruction files .....	15
2.6.5	Character set.....	15
2.6.6	Backus-Naur Form (BNF) .....	16
<b>3.</b>	<b>INSTRUCTION PROCESSING SPECIFICATION.....</b>	<b>17</b>
3.1.	NHH Instruction Processing .....	17
3.1.1.	Instruction File Processing .....	17
3.1.2.	Reporting of Failed Instructions .....	17
3.1.3.	Problem Log .....	17
3.2.	HH Instruction Processing.....	19
3.3.	Multiple BM Unit Instruction Processing .....	19

#### APPENDIX A: DATA INTERFACE INDEX

#### APPENDIX B: DATA INTERFACE DEFINITION

## iv Change History

- Issue 1.0 First formal issue for NETA. This document is the ELEXON Data Interfaces document v5.0 plus all changes delivered by the Implementation of NETA within Stage 2 Project and has been re-badged for NETA.
- Issue 1.1 Incorporating changes required for NCR114 – Transfer of Metering Systems Between SMRS and CMRS.
- Issue 2.0 For approval by the Panel on 22 February 2001 (Panel paper 13/016).
- Issue 2.1 Changes as required for SIRs R1964, R2092, R2180, R2296, R2668, R2896, R2907, R2928, R3010 and R3011. Issued for combined peer and formal review.
- Issue 3.0 Approved by the Panel (P/15/013).
- Issue 3.2 Changes required for CP704, and internal database restructure.
- Issue 3.3 Changes required for CP690, UMS (Unmetered Supplier) Clarifications and Improvements.
- Issue 4.0 Changes required for Modification P30, availability of market information to BSC and non-BSC parties.
- Issue 4.1 Changes required for Modification P68 and CP760.
- Issue 5.0 Approved by SVG (SVG/21/259 and SVG/16/190).
- Issue 5.1 Changes for CP518, CP696, CP698, CP774, CP792, CP799, CP805 and CP914.
- Issue 6.0 Approved by SVG (SVG/22/275).
- Issue 7.0 Changes required for Modification P91 'Extension to Data Provided to the Transmission Company in the TUoS Report'. Approved by SVG (SVG/24/319).
- Issue 8.0 Changes required for Modification P88 'Introduction of obligations in relation to SVA Metering, Meter Operator Agents and Equipment Owners', CP861 and CP899. Approved by SVG (SVG/27/364), (SVG/25/345) and (SVG/25/342).
- Issue 9.0 Changes required for CP551 'Enduring Process to replace W006 – P0181 flow to SVAA'. Approved by SVG (SVG/29/387).
- Issue 10.0 Changes required for Modification P62 'Changes to Facilitate Competitive Supply on the Networks of New Licensed Distributors'. Approved by SVG (SVG/29/390).
- Issue 11.0 Changes required for the SVA August 03 Release. Approved by SVG (SVG/29/389, SVG/30/397).
- Issue 12.0 Changes required for Modification P81 'Removal of the Requirement for Half Hourly Metering on Third Party Generators at Domestic Premises'. Approved by SVG (SVG/31/414).
- Issue 13.0 Changes required for Modification P116 'Changes to Allow Line Loss Factor Data from BSC Website to be Used in Settlement'. Approved by SVG (SVG/33/447).
- Issue 14.0 Changes required for CP904, CP941, CP969, CP1003 and CP1004. Approved SVG (SVG/36/487).
- Issue 15.0 Changes required for Modification P99 'Changes to Accreditation, Entry Processes and the PARMS Serials and Standards resulting from the Performance Assurance Framework (PAF) Review (Phase 1)'. Approved by SVG (SVG/38/477).
- Issue 16.0 Changes required for CP820 'Enhancements to a number of Unmetered Supplies Processes'. Approved by SVG (SVG/40/005).
- Issue 17.0 Changes required for CP892 and CP947. Approved by SVG (SVG/43/003).
- Issue 18.0 Changes required for CP844 and CP942 for the SVA Feb 05 Release. Approved by SVG (SVG/47/004)

- Issue 19.0 Changes required for BETTA 6.3. Approved by SVG (SVG/48/004)
- Issue 20.0 Changes required for CP1057, CP1079, CP1080, CP1082 for the SVA June 05 Release.  
Approved by SVG (SVG/51/004)
- Issue 21.0 Changes required for CP1036, CP1098, and CP1105 for the SVA November 05 Release.  
Approved by SVG (SVG/56/004)
- Issue 22.0 Changes required for CP1093, CP1102, and CP1127 for the Feb 06 Release.  
Approved by SVG (SVG/60/004)
- Issue 23.0 Changes required for CP1144 for the June 06 Release.  
Approved by SVG (SVG/64/02)
- Issue 24.0 Changes required for P196, CP1155, CP1159 for the February 07 Release  
Approved by SVG (SVG/70/01)
- Issue 25.0 Changes required for CP1173 and CP1181 for the June 2007 Release.  
Approved by SVG (SVG/75/02)
- Issue 26.0 Changes required for P197 for the Release on 23rd August 2007.  
Approved by SVG (SVG/76/02)
- Issue 27.0 Changes required for CP1200 and CP1210 for the November 2007 Release.  
Approved by SVG (SVG/77/04 and SVG/79/02)
- Issue 28.0 Changes required for CP1208, CP1209 and CP1223 for the June 2008 Release.  
Approved by SVG (SVG82/03 and SVG84/02)
- Issue 29.0 Changes required for CP1234 for the November 2008 Release.  
Approved by SVG (SVG87/02)
- Issue 30.0 Changes required for CP1249, CP1259 and P222 for the June 2009 Release.  
Approved by SVG (SVG94/02, SVG93/02 and SVG97/05)
- Issue 31.0 Changes required for CP1269 for the November 2009 Release  
Approved by SVG (SVG97/01)
- Issue 32.0 Changes required for CP1295 for the February 2010 Release  
Approved by SVG (SVG102/01)
- Issue 33.0 Changes required for CP1309 for the June 2010 Release  
Approved by SVG (SVG105/02)
- Issue 34.0 Changes required for CP1334 for the June 2011 Release  
Approved by SVG (SVG114/02)
- Issue 35.0 Changes required for CP1325, CP1334, CP1335 for the November 2011 Release  
Approved by SVG (SVG127/13)
- Issue 36.0 Changes required for CP1347 for the February 2012 Release  
Approved by SVG (SVG130/01)
- Issue 37.0 Changes required for ORD005: Electricity Market Reform (EMR), Effective from 1 August 2014 as Directed by the Secretary of State
- Issue 38.0 Changes required for CP1405 for the November 2014 Release
- Issue 39.0 Changes required for CP1395 for the February 2015 Release

- Issue 40.0 Changes required for P300, P305 and CP1432 for the November 2015 Release
- Issue 41.0 Changes required for CP1449 for the February 2016 Release
- Issue 42.0 Changes required for P315 for the June 2016 Release
- Issue 43.0 Additional changes required for P315 for the June 2016 Release
- Issue 44.0 Changes required for P339 for the April 2017 Release and minor corrections for P300
- Issue 45.0 Changes required for CP1469 for the June 2017 Release
- Issue 46.0 Changes required for CP1484 for the November 2017 Release
- Issue 47.0 Changes required for P348/349 for the February 2018 Release
- Issue 48.0 Changes required for CP1495, CP1496 and CP1497 for November 2018 Release
- Issue 49.0 Changes required for the P344 for February 2019 Release
- Issue 50.0 Changes required for P369 for the March 2019 Release
- Issue 51.0 Changes required for P367 for the June 2019 Release
- Issue 52.0 Changes required for CP1517 for the 11 December 2019 Release
- Issue 53.0 Changes required for P354 for the 1 April 2020 Release
- Issue 54.0 Changes required for P383 for the 1 April 2021 Release
- Issue 55.0 Changes required for P420 for the 1 September 2021 Non-Standard Release
- Issue 56.0 Changes required for P402, P429 for the 24 February 2022 Standard Release
- Issue 57.0 Changes required for P375, CP1561 for the 30 June 2022 Standard Release
- Issue 58.0 Changes required for P436 for the 18 July Special 2022 Release
- Issue 59.0 Changes required for P376, P419 for the February 2023 Standard Release
- Issue 60.0 Changes required for P395 for the November 2023 Standard Release
- Issue 61.0 Changes required for CP1590 for the February 2024 Standard Release
- Issue 62.0 Changes required for P415 for the November 2024 Standard Release

**v Changes Forecast**

Future versions of this document will be issued in response to changes raised through the change control procedures.

**vi Related Documents**

- Reference 1 SVA Data Catalogue Volume 2: Data Items
- Reference 2 CVA Data Catalogue
- Reference 3 BSC Reporting Catalogue
- Reference 4 BSC Communication Requirements Document
- Reference 5 Energy Market Data Specification
- Reference 6 NHH Instruction Processing Specification
- Reference 7 HH Instruction Processing Specification
- Reference 8 Multiple BM Unit Instruction Processing Specification;

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## 1. INTRODUCTION

### 1.1. Purpose

This document defines the interfaces required by the Elexon-delivered or certified applications and BSC Procedures, for communications between SVA data parties. It forms part of the "SVA Data Catalogue" as defined in Section O of the BSC.

All of the interfaces are cross-referenced to the relevant Programme documents (Technical Specifications, BSC Procedures and Service Lines) where the data flow and its usage were originally defined.

This is one of a set of five closely related Code Subsidiary Documents, the others being:

- SVA Data Catalogue Volume 2 (reference 1). Defines the data items included within the Data Interfaces specified in this document;
- CVA Data Catalogue (reference 2). Defines the data interfaces between BSC Agents and BSC Parties and Party Agents for all communications, other than SVA Communications, as set out in the BSC Section O;
- The BSC Reporting Catalogue (reference 3). Catalogues and provides further information on the contents of reports issued by the BSC Agents as defined in Section X Annex X-1 of the BSC;
- The BSC Communication Requirements Document (reference 4). Contains detailed requirements for sending and receiving communications between Parties and BSC Agents using one or more Communications Media.

This document is also closely related to the Energy Market Data Specification (reference 5), which details the definitions of all data flows and data items used over the Data Transfer Network.

### 1.2. Objective

It is the objective of this Data Interface definition to achieve benefits of efficiency and quality for users and application systems within Supplier Volume Allocation under the BSC. This requires that:

- data interface definitions are definitive, common, complete and consistent within the constraints of current scope;
- the Data Interface definition is available electronically to all users and is centrally managed.

### 1.3. Summary

Following this introductory section, section 2 of this document describes the conventions used in defining the physical files used to implement the SVA data interface requirements. Then section 3 provides a summary of instruction processing logic. The data interfaces within the scope of the document (see section 1.4) are then specified within the document appendices:

- Appendix A provides an index of data interfaces in ascending sequence of flow reference, along with the flow name, 'from' and 'to' participant, and source document.
- Appendix B provides a full definition of data interfaces identified in Appendix A in ascending alphabetic sequence of data flow name.

### 1.4. Scope

The scope of the interfaces defined in this document are those enabling the flow of data required for Supplier Volume Allocation as defined in paragraph 1.4 of Section O of the Balancing and Settlement Code.

It does not cover those interfaces:

- with external entities in the form of hard copy reports;



- which are manual inputs to systems - these (user interfaces) are specified in the relevant system specifications; or
- consisting of data items not required under the BSC.

Where a data interface is used by Settlement but defined within the Energy Market Data Specification (EMDS), this document will note the interface in Appendix A but will refer to the EMDS for the full details of the definition.

### **1.5. Responsibilities**

It is the responsibility of all SVA data parties to adopt the Data Interfaces. This will require the following:

- incorporating the Data Interfaces within their own area of responsibility. For example, this may occur during initial compliance or following authorised updates to the Data Interfaces;
- raising change requests to update the Data Interfaces. For example, changes to existing definitions or the addition of new data items as identified in their own area of responsibility.

It is the responsibility of the Data Interfaces owner to manage the Data Interfaces. This includes the following activities, which may be delegated:

- provide SVA data parties with shared access;
- make updates authorised by the change control procedure;
- fulfil the role of a Data Manager with responsibility for monitoring the use of standards, arbitration, general housekeeping, etc.

The current owner of the Data Interfaces is the Elexon Design Authority.

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## 2. APPROACH USED IN DATA INTERFACE DEFINITION

### 2.1. Introduction

Interface Definitions contained within this document are presented at Appendix B. This is preceded by general index of all interfaces required by Settlement, listed by Flow Number, Flow Name, From, To and Source Document, at Appendix A.

Each interface derives from a required flow of data specified in one or more of the BSC Procedures and/or one or more of the Technical Specifications for the Elexon-developed applications. Interfaces are physically implemented as structured files comprising a number of records, each of which comprise one or more fields. The non-physical definition of the interface is termed a data flow. Data flows are comprised of data groups that are, themselves, comprised of data items.

### 2.2. Interface Definition

Each data flow in the catalogue is given a unique data flow name and a unique data flow reference. Data flow references are of the form Paaaa or Dnnnn<sup>1</sup>.

Each data flow is further defined as having

- a version number<sup>2</sup>,
- details of the documents providing the source of the interface definition,
- data flow initiators and recipients,
- details of data requirements from BSCPs,
- a physical file specification

The following sections explain how to use and interpret the definitions.

### 2.3. Sources of Interface Definitions

The interface definitions are derived from BSC Procedures and the Technical Specifications for the Elexon-developed applications. Each definition lists the relevant source documents together with each source's internal reference(s) for the interface and any variation in the name by which a data flow is known within that source document.

### 2.4. Data Flow Initiators and Recipients

Each interface definition includes the party initiating (from) and receiving (to) the communication for each occurrence of that interface specified in the source documents.

### 2.5. BSC Procedures Data Requirement

This section documents the required content of the data flow as defined in one or more of the BSC Procedures used in operating the Supplier Volume Allocation aspects of the BSC.

Where the BSC Procedures specify the structure of a data flow this is documented in terms of:

- the data groups which it comprises;
- the data item name - the data items contained in each data group;
- comments relating to the data items.

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<sup>1</sup>Where aaaa represents any four printable characters but is generally of the form nnnn, and where nnnn represents any four integers. The code is prefixed by a "D" when the data flow is included in the Energy Market Data Specification (EDMS, reference 5) or "P" when it is a Pool owned flow not in the DTC and so defined in the SVA Data Catalogue.

<sup>2</sup> Flow version numbers are of the form 001, 002, 003 etc.

Where no structure is specified this is noted and a simple list of the data items is given. The data items named are defined in Volume 2 - Data Items (reference 1).

Note that, although it may not always be documented in the BSC procedures, each data flow includes:

- who initiated the data flow;
- who was the intended recipient;
- the time and date the data flow was produced, and/or, the period over which the data is applicable.

Participants are required to populate ALL data items and groups where the data is available and the business reason for sending the flow indicates that the data is relevant to the recipient if it is provided.

## 2.6. Physical File Specification

This section is included when the data flow is included in a Technical Specification. It documents the actual content and structure of the data flow as defined in one or more of the Technical Specifications for the Elexon-developed applications. It consists of:

- Record: The identifier and description of a data group where the Technical Specification specifies a data structure (this is generally the case);
- Field Name: The name of a data item as specified within the Technical Specification;
- Comment: Clarification of the use and/ or content of the Field Name;
- Value: Included where the field content is restricted to a specific value or two or more specific alternative values;
- Optionality Indicator: This column is denoted with a 'Yes' where the field is optional within the Group.

### 2.6.1 General File Principles

All interface files utilise a common structure. These files comprise a number of records, each starting with a three character identifier<sup>3</sup> (identifying the record type) and terminating with a line feed character.

The first record of the file will be a header and the last record a footer (each having a specific record type).

The fields contained in each record will depend on the record type, but each record of the same type (in a given file type) will always contain the same set of fields. Each field (including record type) is separated from the next by a separator character.

If a field is optional and not present then no character will be included between the separators or, in the case of the last field, between the last separator and line feed character.

Refer to sections 2.6.2 and 2.6.3 below for a description of the Field Types and File Structures used, and 0 for a definition of the additional data contained within Instruction Files.

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<sup>3</sup> the general case is three characters, although there is at least one case where the record type is only two characters.

## 2.6.2 Field Types

All fields that make up the records are written as ASCII data (see 2.6.5 for the defined character set). To determine the format of each field, refer to the logical format attribute of the associated data item in the Data Catalogue Volume 2 (reference 1) and the table below.

Logical Format	Data Type	Format	Example
INT	Integer	ASCII representation, no leading zeros or spaces, leading "-" if negative (no sign if positive)	-1234 12
NUM	Decimal	As for Integer, but with a decimal point and fixed number of decimal digits (including trailing zeros) dependent on precision	-12.34 1.20
CHAR	Text	Left aligned with trailing spaces stripped. Only includes printable characters excluding the separator	The quick fox
DATE	Date	ASCII format as: YYYYMMDD	19961216
TIME	Time	ASCII format as: HHMMSS (24 hour format). Note: both GMT and local time will be used and will be indicated as necessary.	131501
DATETIME	Date/Time	ASCII format as: YYYYMMDDHHMMSS	19961216131501
BOOLEAN	Boolean	One ASCII character: T for True, F for False (uppercase only)	T F
TIMESTAMP	Timestamp		
BITS			

## 2.6.3 File Structure

All files sent or received by Elexon-developed systems are structured files. This structure is as follows:

- Header - first record in file - record type = "ZHD"
- Body - other file records
- Footer - last record in file - record type = "ZPT"

Furthermore, the first record of the file "Body" contains header information dependent on whether the file is a data file or an instruction file. The record types for these records are "ZPD" and "ZPI" respectively. Note that the ZPD record is present for all data flows to and from the EAC/AA system regardless of whether they contain data or not. For data flows to and from SVAA and NHHDA the ZPD record is only present when there is actual data present within the record. The market domain data files will always contain a ZPD record.

The components of these four record types are defined in the following tables:

### File Header Record: Standard Pool Format

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	5 character flow reference plus 3 character version number
3	From Role Code	text(1)	
4	From Participant Id	text(4)	
5	To Role Code	text(1)	
6	To Participant Id	text(4)	Null if broadcast
7	Creation Time	date/time	Time file processing was started. Specified in GMT.

### File Header Record: Pool Transfer Format

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Identifier	Text(10)	File identifier - unique within Market Participant
3	File Type	text(8)	5 character type (ranges allocated for DTS, pool or internal use) plus 3 character version
4	From Role Code	text(1)	
5	From Participant Id	text(4)	
6	To Role Code	text(1)	
7	To Participant Id	text(4)	Null if broadcast
8	Creation Time	date/time	Time file processing was started. Specified in GMT.
9	Sending Application Id	Text (5)	Application identifier. For possible future use
10	Receiving Application Id	Text (5)	Application identifier. For possible future use
11	Broadcast	Text (1)	For possible future use.
12	Test data flag	Text (4)	Indicates that this file contains test data.

The additional data in the "Pool Transfer Format" Header Record is as follows:-

**Field 2: File Identifier.** A 10 character identifier unique within each Gateway. This identifier will be incremented for each physical file presented to the Gateway and will continuously clock-up over time. It will be used by the sender for tracking purposes across the network.

**Field 9: Sending Application Id.** Used to indicate the sending application system. This field is included for possible future use and (for market start-up) will initially be null.

**Field 10: Receiving Application Id.** Used to indicate the target application system. This field is included for possible future use and (for market start-up) will initially be null.

**Field 11: Broadcast.** Reserved for possible future use. Initially (for market start-up), will be null

**Field 12: Test Data Flag.** A text field containing the following valid set:

- OPER indicates operational data
- TR01 indicates Trialling scenario 1
- TR02 indicates Trialling scenario 2
- TR03 indicates Trialling scenario 3
- TR04 indicates Trialling scenario 4
- TR05 indicates Trialling scenario 5
- TR06 indicates Trialling scenario 6
- TE01 indicates Test 1 data
- TE02 indicates Test 2 data
- TE03 indicates Test 3 data

A null entry prior to live operations should be treated as TR01 (null entry means that there is no data in a field between 2 delimiters);

After the start of live operations then a null or incorrect entry will cause the message to be rejected.

For incoming flows, the flag will be used to assist in the correct routing of information to particular systems.

For outbound flows, the value should be set by the system administrator, which indicates the status of the file or message.

ZPT - File Footer			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZPT
2	Record count	integer(10)	Includes header and footer
3	Checksum	integer(10)	Although type is shown as integer(10) the value is actually a 32-bit unsigned value and hence will fit in an "unsigned long" C variable.

ZPD - Data File Additional Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZPD
2	Settlement Date	date	Optional
3	Settlement Code	text(2)	Optional

ZPD - Data File Additional Header			
4	Run Type Code	text(2)	Optional
5	Run Number	integer(7)	Optional
6	GSP Group	text(2)	Optional

ZPI - Instruction File Additional Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZPI
2	File Sequence Number	integer(6)	

### 2.6.4 Instruction files

As well as the header and footer records described in the previous section, instruction files contain a number of records for each instruction. The first record for each instruction has a record type of 'ZIN'. This record has the following components:

ZIN - Instruction Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZIN
2	Instruction Number	integer(12)	
3	Type Code	text(4)	
4	Metering System Id	integer(13)	Optional
5	Market Role	text(1)	Optional
6	Participant Id	text(4)	Optional

### 2.6.5 Character set

The character set used is based on the ISO Level B character set and includes the following characters:

Letters, upper case	A to Z
Letters, lower case	a to z
Numerals	0 to 9
Space character	
Full stop	.
Comma	,
Hyphen/minus	-
Opening parenthesis	(
Closing parenthesis	)
Slash	/
Apostrophe	'
Plus	+
Colon	:
Equals	=
Question mark	?

Exclamation mark	!
Quotation mark	"
Percentage sign	%
Ampersand	&
Asterisk	*
Semi-colon	;
Less than	<
Greater than	>
Underscore	_

Separator: The vertical bar character '|' is used as the separator.

Delimiter: The Carriage Return is used as the delimiter.

### 2.6.6 Backus-Naur Form (BNF)

This documents the physical structure of the records within the data flow. This section is included when the data flow is included in a Technical Specification or when its physical structure has otherwise been defined. The record structure is expressed in Backus-Naur form (BNF).

The BNF used is a modified form of the standard BNF. A flow structure is defined as follows:

Data Flow Name ::= Flow Structure

The flow structure is further defined using a notation to show single occurrences, iteration, optionality and selection of data groups within the structure:

- An obligatory, single occurrence of a data group is shown by naming the group. This implies that there is always just one occurrence of the data group
- Iteration is shown by enclosing the iterated structure in braces {}, which implies that the data group can occur 0, 1 or many times.
- Optionality is shown by enclosing the optional structure in square brackets []. This implies that a occurrence of the data group may or may not occur.
- Selection is shown by enclosing the set of alternative structures in parenthesis () and separating each alternative with a vertical line |. This implies that one, and only one, of the alternatives will occur.

In order to improve the readability of the BNF definitions the Flow Structure is occasionally further broken out into substructures. These substructures follow the same notation as described above. As a rule of thumb, substructures are used where the level of iterative nesting exceeds two layers, for example:

Data Flow Name ::= { ABC { DEF { GHJ } } }

may be shown as:

Data Flow Name ::= { ABC { DEF\_set } }

DEF\_set ::= DEF { GHJ }



### 3. INSTRUCTION PROCESSING SPECIFICATION

#### 3.1. NHH Instruction Processing

The full details of the specification of non half hourly instruction processing is found at reference 6. The following text and associated diagram give an overview of non half hourly instruction processing.

##### 3.1.1. Instruction File Processing

Figure 1 NHH Instruction Processing shows the interactions between the NHHDA and SMRS or the NHHDC for the sequence that is followed when the NHHDA processes instruction files, and the instructions contained in them, received from either source.

The NHHDA shall determine the cause of file failures in conjunction with the source. Failures due to the NHHDA shall be resolved by the NHHDA. Where the instruction file validation failure is due to transmission, the NHHDA shall request a resend. Where it is due to the source, the NHHDA shall request a refresh file.

##### 3.1.2. Reporting of Failed Instructions

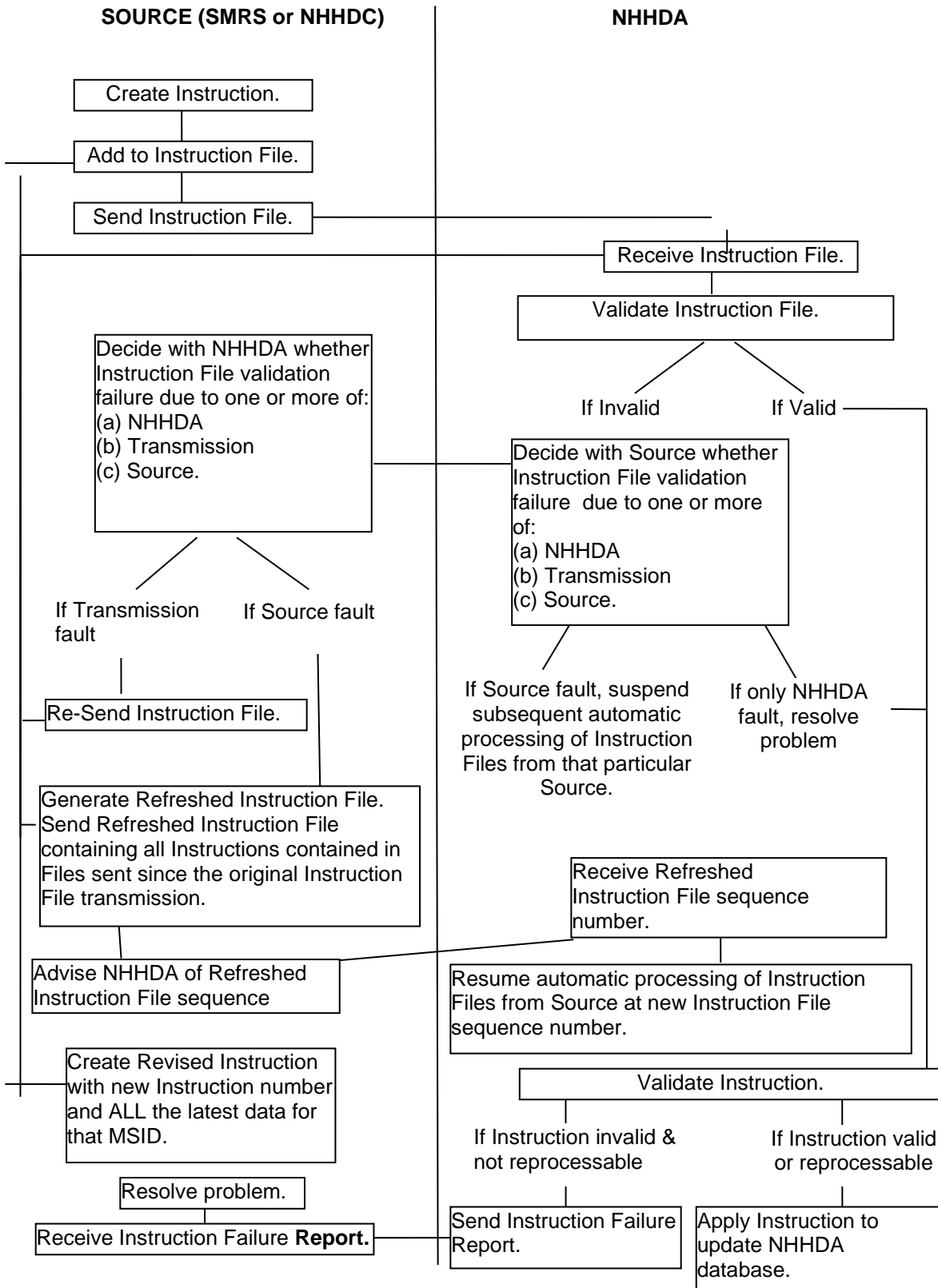
Where one or more instructions have failed, the NHHDA shall compile and send a file of the failed instructions with reasons for failure to the source and request a refresh.

##### 3.1.3. Problem Log

The NHHDA shall set up, utilise and maintain a problem log for the management of failed and discarded instructions. The log shall hold the information about the latest instructions that are in a failed or discarded state.

The NHHDA shall record in the problem log the reasons for failure of failed instructions, the date and time of the latest processing attempt, mark the instructions to be resolved by the NHHDA and those that have been resolved by the NHHDA. The NHHDA shall, for each resolved instruction failure, record the corrective action taken in the problem log.

Figure 1 NHH Instruction Processing



**3.2. HH Instruction Processing**

The full details of the specification of half hourly instruction processing is found at reference 7.

**3.3. Multiple BM Unit Instruction Processing**

The full details of the specification of Multiple BM Unit instruction processing is found at reference 8.

## APPENDIX A - Data Interface Index

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0001	Request Metering System Investigation	BSCP502	HHDC	Supplier	001	
			HHDC	HHMO	001	
		BSCP504	LDSO	HHDC	001	
			Supplier	HHDC	001	
			Supplier	NHHDC	001	
			BSCP508	SVAA	SAA	001
			BSCP603	AMHHDC	AMVLP	001
				AMHHDC	Supplier	001
				AMHHDC	HHDC	001
				AMHHDC	AMMOA	001
				AMHHDC	MOA	001
				AMVLP	AMHHDC	001
				AMVLP	AMMOA	001
				AMVLP	HHDC	001
				AMVLP	MOA	001
				HHDC	AMMOA	001
				HHDC	Supplier	001
				HHDC	AMVLP	001
				Supplier	AMHHDC	001
				Supplier	AMMOA	001
Supplier	HHDC	001				
Supplier	MOA	001				
D0002	Fault Resolution Report or Request for Decision on Further Action	BSCP502	HHDC	Supplier	001	
			HHDC	LDSO	001	
		BSCP504	HHMO	HHDC	001	
			NHHMO	NHHDC	001	
			RPS	NHHDC	001	
			Supplier	NHHDC	001	
		BSCP603	AMHHDC	AMVLP	001	
			AMHHDC	Supplier	001	
			AMMOA	HHDC	001	
			AMMOA	AMVLP	001	
			AMMOA	AMHHDC	001	
			AMMOA	Supplier	001	
			AMVLP	Relevant Participant	001	
			HHDC	AMVLP	001	
			HHDC	Supplier	001	
			HHMO	HHDC	001	

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0002	Fault Resolution Report or Request for Decision on Further Action	BSCP603	MOA	AMVLP	001	
			MOA	HHDC	001	
			MOA	AMHHDC	001	
			MOA	Supplier	001	
			Supplier	Relevant Participant	001	
D0003	Half Hourly Advances	BSCP502 BSCP603	HHDC	HHMO	001	
			AMHHDC	AMMOA	001	
			AMHHDC	HHDC	001	
			AMHHDC	MOA	001	
			HHDC	AMMOA	001	
D0004	Notification of Failure to Obtain Reading	BSCP504	NHHDC	Supplier	001	
D0005	Instruction on Action	BSCP502	HHDC	HHDC	001	
			HHDC	MOA	001	
			HHDC	NHHMO	001	
			HHMO	HHDC	001	
			LDSO	HHDC	001	
			Supplier	HHDC	001	
			BSCP603	AMHHDC	AMMOA	001
				AMHHDC	MOA	001
				AMMOA	AMMOA	001
				AMMOA	AMVLP	001
		AMMOA		HHDC	001	
		AMMOA		Supplier	001	
		AMMOA		AMHHDC	001	
		AMVLP		HHDC	001	
		AMVLP		MOA	001	
		AMVLP		AMMOA	001	
		AMVLP		AMHHDC	001	
		HHDC	MOA	001		
		HHDC	AMMOA	001		
		MOA	AMHHDC	001		
		MOA	AMVLP	001		
MOA	Supplier	001				
Supplier	AMHHDC	001				
Supplier	AMMOA	001				
Supplier	HHDC	001				

Flow Ref.	Data Flow Name	Source	From	To	Version		
D0008	Meter Advance Reconciliation Report	BSCP502	HHDC	HHMO	001		
			HHDC	LDSO	001		
		BSCP603	HHDC	Supplier	001		
			AMHHDC	MOA	001		
			AMHHDC	Supplier	001		
			AMHHDC	AMVLP	001		
			AMHHDC	AMMOA	001		
			HHDC	AMVLP	001		
			HHDC	MOA	001		
			HHDC	AMMOA	001		
D0010	Meter Readings	BSCP502	AMHHDC	HHDC	002		
			HHDC	HHDC	002		
			HHMO	LDSO	002		
			HHMO	Supplier	002		
			HHMO	HHDC	002		
			NHHMO	HHDC	002		
		BSCP504	LDSO	NHHDC	002		
			LDSO	NHHMO	002		
			LDSO	Supplier	002		
			NHHDC	LDSO	002		
			NHHDC	NHHDC	002		
			NHHDC	Supplier	002		
			NHHMO	NHHDC	002		
			RPS	NHHDC	002		
			Supplier	NHHDC	002		
			Supplier	Supplier	002		
			BSCP603	AMMOA	AMHHDC	002	
				AMMOA	AMVLP	002	
				AMMOA	HHDC	002	
				AMMOA	Supplier	002	
		AMVLP		AMMOA	002		
		AMVLP		MOA	002		
		MOA		AMVLP	002		
		MOA		Supplier	002		
		MOA		AMHHDC	002		
		Supplier		MOA	002		
		D0011	Agreement of Contractual Terms				001
				BSCP504	NHHDC	Supplier	001

Flow Ref.	Data Flow Name	Source	From	To	Version
D0011	Agreement of Contractual Terms	BSCP520 BSCP603	Meter Administrator	Supplier	001
			AMHHDC	AMVLP	001
			AMMOA	AMVLP	001
			HHDC	AMVLP	001
			MOA	AMVLP	001
D0012	Confirmation of the Inclusion of the Metering Point in the Reading Schedules	BSCP502	HHDC	LDSO	001
			HHDC	Supplier	001
D0018	Daily Profile Data Report	BSCP504 BSCP508 SVAA Technical Specification	SVAA	Supplier	001
			SVAA	Not Stated	001
			SVAA	Supplier	001
			SVAA	Supplier	001
D0019	Metering System EAC/AA Data	BSCP504 BSCP505 NHHDA Technical Specification	NHHDC	NHHDA	001
			NHHDC	Supplier	001
			NHHDC	NHHDA	001
			NHHDC	NHHDA	001
D0022	Estimated Half Hourly Data Report	BSCP502 BSCP603	HHDC	LDSO	001
			HHDC	Supplier	001
			AMHHDC	AMVLP	001
			AMHHDC	Supplier	001
			HHDC	AMVLP	001
			HHDC	Supplier	001
D0023	Failed Instructions	BSCP501 BSCP503 BSCP504 BSCP505 NHHDA Technical Specification	HHDA	SMRA	001
			NHHDA	SMRA	001
			HHDA	SMRA	001
			NHHDA	NHHDC	001
			NHHDA	NHHDC	001
			NHHDA	SMRA	001
			NHHDA	SMRA	001
NHHDA	NHHDC	001			
D0028	Standing Profile Data Report	BSCP504	SVAA	NHHDC	002



Flow Ref.	Data Flow Name	Source	From	To	Version
D0028	Standing Profile Data Report	BSCP504	SVAA	Supplier	002
			BSCP508	SVAA	NHHDC
		SVAA Technical Specification	SVAA	Supplier	002
			SVAA	NHHDC	002
			SVAA	Supplier	002
D0029	Standard Settlement Configuration Report	BSCP504	SVAA	NHHDC	001
			SVAA	Supplier	001
		BSCP508	SVAA	NHHDC	001
			SVAA	Supplier	001
		SVAA Technical Specification	SVAA	NHHDC	001
			SVAA	Supplier	001
D0030	Non Half Hourly DUoS Report	BSCP508	SVAA	LDSO	001
			SVAA	Supplier	001
		SVAA Technical Specification	SVAA	Supplier	001
			SVAA	LDSO	001
D0036	Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	BSCP502	HHDC	HHDA	001
			HHDC	HHDC	001
			HHDC	LDSO	001
		BSCP503	HHDC	Supplier	001
			HHDC	HHDA	001
		BSCP603	AMHHDC	HHDC	001
			AMHHDC	AMHHDC	001
D0039	Daily Profile Coefficient File	BSCP504	SVAA	NHHDC	001
			BSCP508	SVAA	NHHDC
		EAC/AA Technical Specification	SVAA	NHHDC	001
			SVAA Technical Specification	SVAA	NHHDC
D0040	Aggregated Half Hour Data File	BSCP503	HHDA	SVAA	002
			HHDA	Supplier	002
		BSCP508	HHDA	SVAA	002

Flow Ref.	Data Flow Name	Source	From	To	Version
D0040	Aggregated Half Hour Data File	SVAA Technical Specification	HHDA	SVAA	002
D0041	Supplier Purchase Matrix Data File	BSCP505	NHHDA	Supplier	001
			NHHDA	SVAA	001
		BSCP508	NHHDA	SVAA	001
		NHHDA Technical Specification	NHHDA	Supplier	001
			NHHDA	SVAA	001
		SVAA Technical Specification	NHHDA	SVAA	001
D0043	Supplier Deemed Take Report	BSCP508	SVAA	Supplier	001
		SVAA Technical Specification	SVAA	Supplier	001
D0052	Affirmation of Metering System Settlement Details	BSCP504	Supplier	NHHDC	002
			UMSO	NHHDC	002
		BSCP520	UMSO	NHHDC	002
			UMSO	Supplier	002
D0071	Customer Own Reading or Supplier Estimate Reading on Change of Supplier	BSCP504	Supplier	Supplier	001
			Supplier	NHHDC	001
D0072	Instruction to Obtain Change of Supplier Reading	BSCP504	Supplier	NHHDC	001
D0079	Supplier Purchase Report	BSCP508	SVAA	Supplier	001
		SVAA Technical Specification	SVAA	Supplier	001
D0081	Supplier Half Hourly Demand Report	BSCP508	SVAA	Supplier	001
		SVAA Technical Specification	SVAA	Supplier	001
D0082	Supplier - Supplier Purchase Matrix Report	BSCP508	SVAA	Supplier	001
		SVAA Technical Specification	SVAA	Supplier	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0086	Notification of Change of Supplier Readings	BSCP504	NHHDC	NHHDC	001	
			NHHDC	Supplier	001	
			NHHDC	LDSO	001	
D0089	Notification from MPAS of Changed Metering Point Details	BSCP501	SMRA	Supplier	002	
D0095	Non Half Hourly Data Aggregation Exception Report	BSCP504	Supplier	NHHDC	001	
			BSCP505	NHHDA	BSC Panel	001
				NHHDA	PAB	001
				NHHDA	Supplier	001
				NHHDA	Supplier	001
NHHDA Technical Specification	NHHDA	Supplier	001			
D0132	Request for Disconnection of Supply	BSCP515	Supplier	LDSO	001	
D0134	Request to Change Energisation Status	BSCP603	AMVLP	AMMOA	002	
			AMVLP	MOA	002	
			Supplier	AMMOA	002	
			Supplier	MOA	002	
D0135	Report Possible Safety Problem	BSCP502	HHDC	SFIC	001	
		BSCP504	NHHDC	SFIC	001	
D0136	Report to Supplier of Possible Irregularity	BSCP502	HHDC	Supplier	001	
		BSCP504	NHHDC	Supplier	001	
D0139	Confirmation or Rejection of Energisation Status Change	BSCP502	HHMO	HHDC	001	
			HHMO	Supplier	001	
			LDSO	MOA	001	
			LDSO	Supplier	001	
		BSCP504	MOA	HHDC	001	
			LDSO	NHHDC	001	
			NHHMO	NHHDC	001	
		BSCP603	AMMOA	AMHHDC	001	
			AMMOA	Supplier	001	
			AMMOA	AMVLP	001	

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0139	Confirmation or Rejection of Energisation Status Change	BSCP603	AMMOA	HHDC	001	
			MOA	AMHHDC	001	
			MOA	AMVLP	001	
			MOA	Supplier	001	
D0142	Request for Installation or Change to a Metering System Functionality or the Removal of All Meters	BSCP504	Supplier	LDSO	001	
			BSCP603	AMVLP	AMMOA	001
				AMVLP	MOA	001
				Supplier	MOA	001
				Supplier	NHHMO	001
				Supplier	AMMOA	001
D0148	Notification of Change to Other Parties	BSCP502	Supplier	HHDC	001	
			Supplier	HHMO	001	
		BSCP504	Supplier	Meter Administrator	001	
			Supplier	NHHDC	001	
		BSCP520	Supplier	NHHDC	001	
			Supplier	LDSO	001	
		BSCP603	Supplier	Meter Administrator	001	
			AMVLP	AMHHDC	001	
			AMVLP	AMMOA	001	
			AMVLP	HHDC	001	
			AMVLP	MOA	001	
			Supplier	AMHHDC	001	
			Supplier	MOA	001	
			Supplier	HHDC	001	
		Supplier	AMMOA	001		
		D0149	Notification of Mapping Details	BSCP504	NHHMO	LDSO
NHHMO	NHHDC				001	
NHHMO	Supplier				001	
D0150	Non Half Hourly Meter Technical Details	BSCP504	NHHMO	Supplier	001	
			NHHMO	LDSO	001	
			NHHMO	NHHDC	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
D0151	Termination of Appointment or Contract by Supplier	BSCP502	Supplier	HHDC	001
			Supplier	Meter Administrator	001
		BSCP504	Supplier	NHHDC	001
			BSCP520	Supplier	LDSO
		BSCP603	Supplier	NHHDA	001
			Supplier	NHHDC	001
			AMVLP	MOA	001
			AMVLP	AMHHDC	001
			AMVLP	AMMOA	001
			AMVLP	HHDC	001
			Supplier	AMHHDC	001
			Supplier	AMMOA	001
			Supplier	HHDC	001
			Supplier	MOA	001
D0152	Metering System EAC/AA Historical Data	BSCP504	NHHDC	NHHDC	001
			Supplier	NHHDC	001
		BSCP520	NHHDC	NHHDC	001
D0153	Notification of Data Aggregator Appointment and Terms	BSCP505	Supplier	NHHDA	001
D0155	Notification of New Meter Operator or Data Collector Appointment and Terms	BSCP502	Supplier	HHDC	001
			BSCP504	Supplier	NHHDC
		BSCP520	Supplier	LDSO	001
			Supplier	Meter Administrator	001
		BSCP603	Supplier	NHHDC	001
			AMVLP	HHDC	001
			AMVLP	AMMOA	001
			AMVLP	AMHHDC	001
			AMVLP	MOA	001
			Supplier	AMHHDC	001
			Supplier	AMMOA	001
			Supplier	HHDC	001
			Supplier	MOA	001
D0170	Request for Metering System Related Details	BSCP502	HHDC	HHDC	001

Flow Ref.	Data Flow Name	Source	From	To	Version
D0170	Request for Metering System Related Details	BSCP504	NHHDC	NHHDC	001
			NHHDC	Supplier	001
		BSCP520	NHHDC	NHHDC	001
			BSCP603	AMMOA	AMMOA
		AMMOA	AMVLP	001	
			MOA	001	
			Supplier	001	
			AMVLP	AMMOA	001
			AMVLP	MOA	001
			MOA	AMMOA	001
			MOA	Supplier	001
			MOA	AMVLP	001
			Supplier	AMMOA	001
			Supplier	MOA	001
D0171	Notification of LDSO Changes to Metering Point Details	BSCP501	SMRS	Supplier	001
D0172	Confirmation of Changes	BSCP501	SMRS	Supplier	001
D0179	Confirmation of Energisation / De-energisation of Prepayment Meter	BSCP504	LDSO	Supplier	001
			MOA	Supplier	001
		BSCP515	LDSO	Supplier	001
			MOA	Supplier	001
D0203	Rejection of Changes to Metering Point Details	BSCP501	SMRS	Supplier	001
D0204	Selective or Full Refresh of MPAS Details	BSCP501	SMRA	Supplier	002
D0205	Update Registration Details	BSCP501	Supplier	SMRA	001
		BSCP504	Supplier	SMRA	001
		BSCP520	Supplier	SMRA	001
D0209	Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator	BSCP501	SMRS	NHHDA	001
			SMRS	HHDA	001
		BSCP503	SMRS	HHDA	001
		BSCP505	SMRS	NHHDA	001

Flow Ref.	Data Flow Name	Source	From	To	Version
D0209	Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator	NHHDA Technical Specification	SMRS	NHHDA	001
D0213	Advice from SMRS of Changed Metering Point Details	BSCP501	SMRS	Supplier	001
D0214	Confirmation of Proving Tests	BSCP502	HHMO	HHDC	001
			HHMO	LDSO	001
			HHMO	Supplier	001
		BSCP603	AMMOA	AMHHDC	001
			AMMOA	HHDC	001
			MOA	HHDC	001
			MOA	AMHHDC	001
D0215	Provision of Site Technical Details	BSCP515	LDSO	MOA	001
D0217	Confirmation of the Registration of a Metering Point	BSCP501	SMRS	Supplier	001
D0221	Notification of Failure to Install or Energise Metering System	BSCP603	AMMOA	AMVLP	001
			AMMOA	Supplier	001
			MOA	Supplier	001
			MOA	AMVLP	001
D0227	BSCCo Market Domain Data File	BSCP504	MDDM	NHHDC	001
		BSCP508	MDDM	NHHDC	001
		EAC/AA Technical Specification	Not stated	Not stated	001
D0235	Half Hourly Aggregation Exception Report	BSCP502	HHDA	HHDC	001
		BSCP503	HHDA	HHDC	001
			HHDA	Supplier	001
D0260	Notification from SMRS of Old Supplier Registration Details	BSCP501	SMRS	Supplier	001
D0261	Rejection of Agent Appointment	BSCP520	Meter Administrator	Supplier	001
		BSCP603	AMHHDC	AMVLP	001
			AMHHDC	Supplier	001
			AMMOA	AMVLP	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0261	Rejection of Agent Appointment	BSCP603	HHDC	AMVLP	001	
			HHDC	Supplier	001	
			HHMO	Supplier	001	
			MOA	AMVLP	001	
			NHHMO	Supplier	001	
D0262	Rejection of Disconnection	BSCP515	LDSO	Supplier	001	
D0265	Line Loss Factor Data File	BSCP128	BSCCo	SVAA	001	
			BSCCo	HHDA	001	
			BSCCo	Not Stated	001	
			BSCCo	Supplier	001	
			LDSO	BSCCo	001	
			BSCP503	BSCCo	HHDA	001
			BSCP508	BSCCo	SVAA	001
			SVAA Technical Specification	BSCCo	SVAA	001
D0266	Supplier Settlement Header Report	BSCP508	SVAA	Supplier	001	
			SVAA Technical Specification	SVAA	Supplier	001
D0268	Half Hourly Meter Technical Details	BSCP502	HHMO	HHDC	002	
			HHMO	HHMO	002	
			BSCP514	HHMO	LDSO	002
				HHMO	NHHMO	002
				HHMO	Supplier	002
				HHMO	HHMO	002
			BSCP603	LDSO	HHMO	002
		AMMOA		HHDC	002	
		AMMOA		MOA	002	
		AMMOA		Supplier	002	
		AMMOA		AMHHDC	002	
		AMMOA		AMMOA	002	
		AMMOA	AMVLP	002		
			AMVLP	AMMOA	002	
			AMVLP	MOA	002	
			HHMO	HHMO	002	
			HHMO	LDSO	002	
HHMO	NHHMO		002			
HHMO	Supplier		002			



Flow Ref.	Data Flow Name	Source	From	To	Version	
D0268	Half Hourly Meter Technical Details	BSCP603	LDSO	HHMO	002	
			MOA	AMHHDC	002	
			MOA	AMMOA	002	
			MOA	AMVLP	002	
			MOA	Supplier	002	
			Supplier	MOA	002	
D0269	Market Domain Data Complete Set	BSCP502	SVAA	HHDC	002	
			BSCP503	SVAA	HHDA	002
			BSCP504	SVAA	NHHDC	002
			BSCP505	SVAA	NHHDA	002
			BSCP508	MDDM	SMRA	002
			MDDM	LDSO	002	
			MDDM	NETSO	002	
			MDDM	NHHDA	002	
			MDDM	NHHDC	002	
			MDDM	BSC Panel	002	
			MDDM	The Authority	002	
			MDDM	SAA	002	
			MDDM	Supplier	002	
			MDDM	SVAA	002	
			MDDM	HHMO	002	
			MDDM	NHHMO	002	
			MDDM	HHDC	002	
			MDDM	FAA	002	
			MDDM	HHDA	002	
			SVAA	Not Stated	002	
			NHHDA	SVAA	NHHDA	002
			Technical Specification			
			SVAA Technical Specification	SVAA	SVAA	002
			BSCP502	SVAA	HHDC	004
			BSCP503	SVAA	HHDA	004
			BSCP504	SVAA	NHHDC	004
			BSCP505	SVAA	NHHDA	004
			BSCP508	MDDM	LDSO	004
			MDDM	HHDC	004	
			MDDM	BSC Panel	004	
MDDM	The Authority	004				
MDDM	HHMO	004				

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0269	Market Domain Data Complete Set	BSCP508	MDDM	NHHDA	004	
			MDDM	HHDA	004	
			MDDM	SVAA	004	
			MDDM	NHHDC	004	
			MDDM	SMRA	004	
			MDDM	FAA	004	
			MDDM	SAA	004	
			MDDM	NHHMO	004	
			MDDM	NETSO	004	
			MDDM	Supplier	004	
			SVAA	Not Stated	004	
			NHHDA	SVAA	NHHDA	004
			NHHDA Technical Specification	SVAA	SVAA	SVAA
		SVAA Technical Specification				
D0270	Market Domain Data Incremental Set	BSCP502	SVAA	HHDC	002	
			BSCP503	SVAA	HHDA	002
			BSCP504	SVAA	NHHDC	002
			BSCP505	SVAA	NHHDA	002
			BSCP508	MDDM	The Authority	002
			MDDM	HHMO	002	
			MDDM	Supplier	002	
			MDDM	SMRA	002	
			MDDM	SAA	002	
			MDDM	NHHMO	002	
			MDDM	NHHDC	002	
			MDDM	NHHDA	002	
			MDDM	NETSO	002	
			MDDM	LDSO	002	
			MDDM	SVAA	002	
			MDDM	HHDC	002	
			MDDM	BSC Panel	002	
			MDDM	HHDA	002	
			MDDM	FAA	002	
		SVAA	Not Stated	002		
		BSCP502	SVAA	HHDC	004	
BSCP503	SVAA	HHDA	004			
BSCP504	SVAA	NHHDC	004			
BSCP505	SVAA	NHHDA	004			

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0270	Market Domain Data Incremental Set	BSCP508	MDDM	The Authority	004	
			MDDM	SVAA	004	
			MDDM	HHMO	004	
			MDDM	FAA	004	
			MDDM	Supplier	004	
			MDDM	HHDC	004	
			MDDM	HHDA	004	
			MDDM	SAA	004	
			MDDM	LDSO	004	
			MDDM	NHHMO	004	
			MDDM	BSC Panel	004	
			MDDM	NHHDC	004	
			MDDM	NETSO	004	
			MDDM	NHHDA	004	
MDDM	SMRA	004				
MDDM	SVAA	Not Stated	004			
D0275	Validated Half Hourly Advances	BSCP502	HHDC	Supplier	001	
			HHDC	LDSO	001	
D0276	GSP Group Consumption Totals Report	BSCP508	SVAA	Supplier	002	
			SVAA Technical Specification	Supplier	002	
D0277	Teleswitch Contact Interval Data File	017RIR	Teleswitch Agent	SVAA	001	
			BSCP508	Teleswitch Agent	SVAA	001
			SVAA Technical Specification	Not stated	Not stated	001
D0278	Teleswitch Market Domain Data File	BSCP508	MDDM	SVAA	002	
			SVAA Technical Specification	MDDM	SVAA	002
D0279	Teleswitch Contact Interval Data Report File	BSCP508	SVAA	Supplier	001	
			SVAA Technical Specification	Supplier	001	
D0280	Teleswitch Contact to Register Mapping File	017RIR	MDDM	Supplier	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
D0280	Teleswitch Contact to Register Mapping File	BSCP508	MDDM	Supplier	001
D0286	Data Aggregation and Settlements Timetable File	BSCP505	MDDM	NHHDA	001
		BSCP508	MDDM	SVAA	001
		NHHDA	MDDM	NHHDA	001
		Technical Specification SVAA Technical Specification	MDDM	SVAA	001
D0287	Annually Recalculated Researched Consumption	TA2000	SVAA	MDDM	001
D0289	Notification of MC/EAC/PC	BSCP502	Supplier	HHDC	001
D0294	Confirmation of BM Unit Allocation	BSCP503	HHDA	Supplier	001
		Required Amendments to TS2 for NETA	HHDA	Supplier	001
D0295	Rejection of BM Unit Allocation	BSCP503	HHDA	Supplier	001
		Required Amendments to TS2 for NETA	HHDA	Supplier	001
D0296	Supplier BM Unit Report	BSCP508	SVAA	Supplier	001
		Required Amendments to TS2 for NETA	SVAA	Supplier	001
		SVAA Physical Design	SVAA	Supplier	001
D0297	Notification of BM Unit Allocation	BSCP503	Supplier	HHDA	001
		Required Amendments to TS2 for NETA	Supplier	HHDA	001
D0298	BM Unit Aggregated Half Hour Data File	BSCP503	HHDA	Supplier	002
			HHDA	SVAA	002
		BSCP508	HHDA	Supplier	002
			HHDA	SVAA	002

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0298	BM Unit Aggregated Half Hour Data File	Required Amendments to TS2 for NETA	HHDA	SVAA	002	
			HHDA	Supplier	002	
			SVAA Physical Design	HHDA	SVAA	002
			HHDA	Supplier	002	
D0299	Stage 2 BM Unit Registration Data File	BSCP503	MDDM	HHDA	001	
			MDDM	Supplier	001	
			MDDM	SVAA	001	
			BSCP508	MDDM	HHDA	001
			MDDM	Supplier	001	
			MDDM	SVAA	001	
			Required Amendments to TS2 for NETA	MDDM	Supplier	001
			MDDM	SVAA	001	
			MDDM	HHDA	001	
			D0300	Disputed Readings or Missing Readings on Change of Supplier	BSCP504	Supplier
Supplier	NHHDC	002				
D0302	Notification of Customer Details	BSCP603	AMVLP	AMHHDC	002	
			AMVLP	AMMOA	002	
			AMVLP	HHDC	002	
			AMVLP	MOA	002	
D0310	Notification of Failure to Load or Receive Metering System Settlement Details	BSCP504	NHHDC	Supplier	002	
			NHHDC	UMSO	002	
D0313	Auxiliary Meter Technical Details	BSCP504	NHHMO	NHHDC	001	
			NHHMO	Supplier	001	
			NHHMO	LDSO	001	
D0314	Non Half Hourly Embedded Network DUoS Report	BSCP508	SVAA	Host LDSO	001	
D0354	Metering System Reporting Notification	BSCP503	SVAA	HHDA	001	

Flow Ref.	Data Flow Name	Source	From	To	Version		
D0355	Metering System Reporting Confirmation	BSCP503	HHDA	SVAA	001		
D0356	Metering System Reporting Rejection	BSCP503	HHDA	SVAA	001		
D0369	Aggregated Disconnected DUoS Report	BSCP508	SVAA	Supplier	001		
			SVAA	LDSO	001		
D0370	Supplier Half Hourly Demand Disconnection Report	BSCP508	SVAA	Supplier	001		
D0371	Supplier - Supplier Disconnection Matrix Report	BSCP508	SVAA	Supplier	001		
D0372	Aggregated Embedded Network Disconnected DUoS Report	BSCP508	SVAA	Host LDSO	001		
D0373	GSP Group Demand Disconnection Totals Report	BSCP508	SVAA	Supplier	001		
D0374	Supplier BM Unit Demand Disconnection Report	BSCP508	SVAA	Supplier	001		
D0375	Disconnected MSIDs and Estimated Half Hourly Demand Volumes	BSCP502	HHDC	SVAA	001		
			BSCP503	SVAA	HHDC	001	
				HHDC	HHDA	001	
		SVAA		HHDC	001		
		SVAA		HHDA	001		
		BSCP504	SVAA	NHHDA	001		
			SVAA	NHHDC	001		
			BSCP508	NETSO	SVAA	001	
		SVAA		NHHDA	001		
		SVAA		NHHDC	001		
		D0376	Supplier's Demand Disconnection Volume Data File	BSCP503	HHDA	SVAA	001
					HHDA	Supplier	001
BSCP508	HHDA			SVAA	001		

Flow Ref.	Data Flow Name	Source	From	To	Version
D0377	Disconnection Purchase Matrix Data File	BSCP505	NHHDA	SVAA	001
		BSCP508	NHHDA	SVAA	001
D0378	BM Unit Aggregated Half Hour Demand Disconnection Data File	BSCP503	HHDA	SVAA	001
			HHDA	Supplier	001
D0379	Half Hourly Advances UTC	BSCP502	HHDC Supplier	Supplier HHDC	001 001
D0380	Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	BSCP502	HHDC	HHDA	001
			HHDC Supplier	Supplier HHDC	001 001
D0382	Rejection Response for Request to LDSO for Site Technical Details	BSCP515	LDSO	MOA	001
D0383	Notification of Commissioning information	BSCP515	LDSO	HHMO	001
			BSCP603	AMMOA	AMMOA
		AMMOA	MOA	001	
		AMVLP	MOA	001	
		AMVLP	AMMOA	001	
		Equipment Owner	AMMOA	001	
		Equipment Owner	AMVLP	001	
		Equipment Owner	MOA	001	
		MOA	MOA	001	
MOA	AMMOA	001			
D0384	Notification of Commissioning status	BSCP603	AMMOA	MOA	001
			AMMOA	AMMOA	001
			AMVLP	AMMOA	001
			AMVLP	MOA	001
			MOA	AMMOA	001
			MOA	AMVLP	001
			MOA	Supplier	001
			Supplier	AMMOA	001
Supplier	MOA	001			

Flow Ref.	Data Flow Name	Source	From	To	Version
D0385	Metering System Half Hourly Metered Data	BSCP503	HHDA	SVAA	001
D0388	UMS Inventory	BSCP520	UMSO	Meter Administrator	001
D0389	UMS Response	BSCP520	Meter Administrator	UMSO	001
D0390	Asset Metering System Half Hourly Metered Data	BSCP603	AMHHDC	HHDC	001
			HHDC	Supplier	001
			HHDC	SVAA	001
D0391	MSID Metered Volume History Request	BSCP503	SVAA	HHDA	001
D0392	Invalid MSID Metered Volume History Request	BSCP503	HHDA	SVAA	001
D0393	MSID Metered Volume History Acceptance	BSCP503	HHDA	SVAA	001
P0011	Sunset Data File	BSCP508	Sunset Provider	SVAA	001
		SVAA Technical Specification	SVAA	SVAA	001
P0012	GSP Group Take Data File	BSCP508	CDCA	SVAA	001
		Data Interface Spec between Stage 2 and the NETA	CDCA	SVAA	001
		NETA IDD Part2	CDCA	SVAA	001
		SVAA Technical Specification	CDCA	SVAA	001
P0014	Regression Equations Data File	SVAA Technical Specification	Profile Administrator	SVAA	001
P0015	Profile Data File	BSCP508	MDDM	SVAA	001
		SVAA Technical Specification	MDDM	SVAA	001
P0024	Acknowledgement	BSCP501	NHHDC	MDDM	001



Flow Ref.	Data Flow Name	Source	From	To	Version
P0024	Acknowledgement	BSCP502 BSCP503 BSCP504 BSCP505 BSCP508	HHDC	MDDM	001
			HHDA	MDDM	001
			NHHDC	MDDM	001
			NHHDA	MDDM	001
			BSC Panel	MDDM	001
			FAA	MDDM	001
			HHDA	MDDM	001
			HHDC	MDDM	001
			HHMO	MDDM	001
			LDSO	MDDM	001
			NETSO	MDDM	001
			NHHDA	MDDM	001
			NHHDC	MDDM	001
			NHHMO	MDDM	001
			SAA	MDDM	001
			SMRA	MDDM	001
			Supplier	MDDM	001
			SVAA	MDDM	001
			The Authority	MDDM	001
BSCP520	UMSO	MDDM	001		
P0027	Notification of Pending Work	BSCP504	Supplier	NHHDC	001
P0028	100 kW Demand Report	BSCP504	NHHDC	BSC Panel	001
			NHHDC	Supplier	001
P0030	Supplier in a GSP Group	BSCP507	Supplier	SVAA	001
P0031	Data Aggregator in a GSP Group	BSCP507	Supplier	SVAA	001
P0032	Data Collector in a GSP Group	BSCP507	Supplier	PAB	001
			Supplier	SVAA	001
P0033	Temperature Data	BSCP508	Temperature Provider	SVAA	001
P0034	Missing Data	BSCP502 BSCP508	SVAA	HHDC	001
			SVAA	Temperature Provider	001
			SVAA	HHDA	001
			SVAA	HHDC	001
			SVAA	NHHDA	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0034	Missing Data	BSCP508	SVAA	Sunset Provider	001
			SVAA	Teleswitch Agent	001
			SVAA	CDCA	001
P0035	Invalid Data	BSCP502	HHDC	MDDM	001
			SVAA	HHDC	001
		BSCP503	HHDA	MDDM	001
			HHDA	SMRA	001
			HHDA	Supplier	001
			SVAA	HHDA	001
		BSCP504	NHHDC	NHHDA	001
			NHHDC	MDDM	001
		BSCP505	NHHDA	SMRA	001
			NHHDA	SVAA	001
			SVAA	NHHDA	001
		BSCP507	CRA	SVAA	001
			SVAA	Supplier	001
		BSCP508	BSC Panel	BSC Service Desk	001
			FAA	BSC Service Desk	001
			HHDA	BSC Service Desk	001
			HHDC	BSC Service Desk	001
			HHMO	BSC Service Desk	001
			LDSO	BSC Service Desk	001
			MDDM	BSCCo	001
			NETSO	BSC Service Desk	001
			NHHDA	BSC Service Desk	001
			NHHDC	BSC Service Desk	001
			NHHMO	BSC Service Desk	001
			SAA	BSC Service Desk	001
			SMRS	BSC Service Desk	001
Supplier	BSC Service Desk		001		

Flow Ref.	Data Flow Name	Source	From	To	Version
P0035	Invalid Data	BSCP508	SVAA	Sunset Provider	001
			SVAA	Teleswitch Agent	001
			SVAA	NHHDA	001
			SVAA	HHDA	001
			SVAA	Temperature Provider	001
			SVAA	BSCCo	001
			SVAA	BSC Service Desk	001
			SVAA	HHDC	001
			The Authority	BSC Service Desk	001
			BSCP520	UMSO	SVAA
P0036	Default Data	BSCP508	SVAA	Supplier	001
			SVAA	NHHDC	001
P0037	Lack of MDD Receipt Confirmation	BSCP508	MDDM	BSC Service Desk	001
P0039	Notification that Reports Delayed		SVAA	LDSO	001
			SVAA	NETSO	001
			SVAA	Supplier	001
			SVAA	FAA	001
P0040	Request Daily Profile Coefficient Data	BSCP504	NHHDC	SVAA	001
		BSCP508	NHHDC	SVAA	001
P0043	Default Teleswitch Data Report	BSCP504	SVAA	Supplier	001
		BSCP508	SVAA	Supplier	001
			SVAA	BSC Panel	001
P0045	SP07 - SMRA & SVAA MSID Count - SMRA File	BSCP533	SMRA	PA Administrator	002
P0048	GSP Group Correction Factor	Pool Application Functional Spec	SVAA	BSCCo	001
P0049	Energy Settlement Mix	BSCP533	SVAA	PA Administrator	003

Flow Ref.	Data Flow Name	Source	From	To	Version
P0119	Deemed Meter Reads on CoS	PARMS	Supplier	PA Administrator	001
P0120	Deemed Take Apportionment (Sup Cap Take)	BSCP533	SVAA	PA Administrator	002
		PARMS	SVAA	PA Administrator	002
P0125	Annual GSP Group Take	BSCP533	SVAA	PA Administrator	001
		PARMS	SVAA	PA Administrator	001
P0127	Suppliers Trading / Ceased Trading in GSP Group	BSCP533	SVAA	PA Administrator	001
		PARMS	SVAA	PA Administrator	001
P0133	CM01 - CVA MOA Proving Tests	BSCP533	CDCA	PA Administrator	001
P0134	CM02 - CVA MOA Fault Resolution	BSCP533	CDCA	PA Administrator	001
P0135	DPI - Data Provider Information	BSCP533	Supplier	PA Administrator	001
P0136	PARMS Market Domain Data	BSCP533	SVAA	PA Administrator	001
P0137	TA01 - GSP Group Correction Factor	BSCP533	SVAA	PA Administrator	001
P0138	TA02 - Annual Demand Ratio	BSCP533	SVAA	PA Administrator	001
P0145	SP08 - Energy and MSIDs on Actuals	BSCP533	SVAA	PA Administrator	002
P0146	SP09 - NHH Defaults	BSCP533	SVAA	PA Administrator	001
P0164	SP07 - SMRA & SVAA MSID Count - SVAA File	BSCP533	SVAA	PA Administrator	001
P0170	HH Unmetered Supply Certificate	BSCP520	Supplier	UMSO	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
P0170	HH Unmetered Supply Certificate	BSCP520	UMSO	Customer	001	
			UMSO	Supplier	001	
P0171	Request Creation of UMS Skeleton SMRS Record	BSCP520	SMRA	UMSO	001	
			UMSO	SMRA	001	
P0175	Request to SMRA to Disconnect a UMS Metering Point	BSCP520	UMSO	SMRA	001	
P0181	BM Unit Registration Data File	BSCP508	CRA	MDDM	002	
			MDDM	BSCCo	002	
			Data Interface Spec between Stage 2 and the NETA	CRA	MDDM	002
			NETA IDD Part2	CRA	MDDM	002
P0182	BM Unit Supplier Take Energy Volume Date File	110pzt - SVAA Tech Spec. BSCP508	SVAA	SAA	001	
			SVAA	SAA	001	
			Data Interface Spec between Stage 2 and the NETA	SVAA	SAA	001
			NETA IDD Part2	SVAA	SAA	001
P0183	Stage 2 NETA Acknowledgement Message	BSCP508	MDDM	CRA	001	
			SAA	SVAA	001	
			SVAA	CDCA	001	
			Data Interface Spec between Stage 2 and the NETA	MDDM	CRA	001
			SAA	SVAA	001	
			SVAA	CDCA	001	
			NETA IDD Part2	MDDM	CRA	001
SAA	SVAA	001				
P0184	MDD Matrix Changes	BSCP508	MDD Recipient	BSC Service Desk	001	
P0185	NHH BM Unit Allocation	BSCP507	Supplier	SVAA	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
P0186	Half Hourly Default EAC	BSCP502 BSCP503 BSCP508	MDDM	HHDC	001
			MDDM	HHDA	001
			MDDM	Supplier	001
			MDDM	HHDA	001
			MDDM	HHDC	001
			MDDM	LDSO	001
P0187	SAA Data Exception Report	BSCP508 NETA IDD Part1	SAA	SVAA	001
			SAA	SVAA	001
P0189	SAA Settlement Calendar	Neta IDD Part 2	BSCCo	SVAA	001
P0190	GSP Group Profile Class Tolerances	BSCP504 BSCP508	MDDM	Supplier	001
			MDDM	NHHDC	001
P0191	Excessively Large AA	BSCP504	NHHDC	Supplier	001
P0192	Invalid Meter Reading / AA / EAC	BSCP504	MOA	NHHDC	001
			Supplier	NHHDC	001
P0193	Operations Registration Report	NETA IDD Part 2	CRA	BSCCo	001
P0194	BSC Agent Details	BSCP507 NETA IDD Part 2	SVAA	CRA	001
			SVAA	CRA	001
P0195	Issue Registration Report	BSCP507 NETA IDD Part1	CRA	SVAA	001
			CRA	SVAA	001
P0198	Registration Transfer from SMRS to CMRS	BSCP68	CDCA	Transfer Co-ordinator	001
			CRA	Transfer Co-ordinator	001
			LDSO	Transfer Co-ordinator	001
			Registrant (CVA)	Transfer Co-ordinator	001
			Registrant (CVA)	CRA	001
			Registrant (CVA)	CDCA	001
			Registrant (SVA)	Transfer Co-ordinator	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0198	Registration Transfer from SMRS to CMRS	BSCP68	Transfer Co-ordinator	CDCA	001
			Transfer Co-ordinator	CRA	001
			Transfer Co-ordinator	LDSO	001
			Transfer Co-ordinator	Registrant (CVA)	001
P0199	Registration Transfer from CMRS to SMRS	BSCP68	CDCA	Transfer Co-ordinator	001
			CRA	Transfer Co-ordinator	001
			LDSO	Transfer Co-ordinator	001
			Registrant (SVA)	CDCA	001
			Registrant (SVA)	CRA	001
			Registrant (SVA)	Transfer Co-ordinator	001
			Transfer Co-ordinator	LDSO	001
			Transfer Co-ordinator	Registrant (CVA)	001
			Transfer Co-ordinator	CDCA	001
			Transfer Co-ordinator	Registrant (SVA)	001
Transfer Co-ordinator	CRA	001			
P0200	Registration Transfer Validation Details	BSCP68	CDCA	Transfer Co-ordinator	001
			CRA	Transfer Co-ordinator	001
			LDSO	Transfer Co-ordinator	001
			Transfer Co-ordinator	CRA	001
			Transfer Co-ordinator	Registrant (SVA)	001
			Transfer Co-ordinator	LDSO	001
			Transfer Co-ordinator	CDCA	001
			Transfer Co-ordinator	Registrant (CVA)	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0203	Registration Transfer Standing Data Report	BSCP68	CRA	Registrant (CVA)	001
P0204	Registration Transfer MPAN Details	BSCP68	LDSO	Registrant (SVA)	001
P0205	Deappointment and Deregistration of MOA(s) in CRA	BSCP68	Registrant (CVA)	HHMO	001
			Registrant (CVA)	NHHMO	001
P0206	Required Change of Profile Class	BSCP516	NHHDC	Supplier	001
P0207	NHH Unmetered Supply Certificate	BSCP520	UMSO	Customer	001
			UMSO	Supplier	001
P0208	Estimation Due to High Energy Recorded	BSCP603	AMHHDC	BSCCo	001
			HHDC	BSCCo	001
P0209	Summary of NHH BM Unit Allocations	BSCP507	SVAA	BSCCo	001
P0210	TUoS Report (HH/NHH Split)	BSCP508 SVAA Technical Specification	SVAA	NETSO	003
			SVAA	NETSO	003
P0211	Site Visit Rejection	BSCP603	AMMOA	Supplier	001
			AMMOA	AMVLP	001
			MOA	AMVLP	001
P0213	Energy Breakdown (Settlement Period and BM Unit)	BSCP533	SVAA	BSCCo	001
		PARMS	SVAA	BSCCo	001
P0214	Energy Breakdown (BM Unit)	BSCP533	SVAA	BSCCo	001
		PARMS	SVAA	BSCCo	001
P0216	Notification of Incorrect Register Mapping	BSCP504	NHHDC	Supplier	001
			Supplier	NHHDC	001
P0218	Collated Supplier UMS Registrations	BSCP520	UMSO	Supplier	001



Flow Ref.	Data Flow Name	Source	From	To	Version	
P0219	Standing Data Changes for Supplier in a GSP group	BSCP507	Supplier	SVAA	002	
			Supplier	BSCCo	002	
			SVAA	BSCCo	002	
			SVAA	Supplier	002	
P0220	Standing Data Changes for Supplier/Data Aggregator in a GSP group	BSCP507	Supplier	BSCCo	002	
			Supplier	SVAA	002	
			SVAA	Supplier	002	
			SVAA	BSCCo	002	
P0221	Notification of Long Term Vacant Site	BSCP504	Supplier	LDSO	001	
P0222	EAC Data to Distributor Report	BSCP505	NHHDA	LDSO	001	
P0223	GSP Group Profile Class Default EAC	BSCP505	SVAA	NHHDA	001	
			BSCP508	SVAA	NHHDA	001
P0236	BM Unit SVA Gross Demand Data File	BSCP508	SVAA	SAA	001	
			NETA IDD Part 2	SVAA	SAA	001
P0237	BM Unit Disconnected Supplier Take Energy Volume Data File	BSCP508	SVAA	SAA	001	
P0238	MSIDs affected by Demand Control Event	BSCP502	BSCCo	HHDA	001	
			BSCCo	HHDC	001	
			BSCCo	SVAA	001	
			LDSO	BSCCo	001	
		BSCP503	BSCCo	HHDA	001	
			BSCCo	HHDC	001	
			LDSO	BSCCo	001	
			BSCP504	BSCCo	SVAA	001
		BSCP504	BSCCo	NHHDA	001	
			BSCCo	NHHDC	001	
			LDSO	BSCCo	001	
			BSCP505	BSCCo	NHHDC	001
			BSCCo	SVAA	001	
			BSCCo	SVAA	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
P0238	MSIDs affected by Demand Control Event	BSCP505	BSCCo	NHHDA	001
			LDSO	BSCCo	001
		BSCP508	LDSO	SVAA	001
			BSCP515	BSCCo	HHDA
			BSCCo	SVAA	001
			BSCCo	NHHDC	001
			BSCCo	HHDC	001
			BSCCo	NHHDA	001
	LDSO	BSCCo	001		
P0239	Mapping Data for HH Aggregated Metering Systems	BSCP507	LDSO	SVAA	001
		BSCP508	LDSO	SVAA	001
P0241	Disconnected Non-BM STOR MPANs	N/A	NETSO	SVAA	001
P0275	Supplier Quarterly Volume Report	SVAA URS	SVAA	BSCCo	001
P0276	BSCCo GSP Group Consumption Totals Report	BSCP508	SVAA	BSCCo	001
P0277	GSP Group Market Matrix Report	BSCP508	SVAA	BSCCo	001
P0278	MSID Pair Allocation	BSCP602	Supplier	SVAA	001
			VLP	SVAA	001
			VTP	SVAA	001
P0279	Confirmation of MSID Pair Allocation	BSCP602	SVAA	VLP	001
			SVAA	Supplier	001
			VTP	SVAA	001
P0280	Rejection of MSID Pair Allocation	BSCP602	SVAA	Supplier	001
			SVAA	VLP	001
			SVAA	VTP	001
P0281	Loss of MSID Pair Allocation	BSCP602	SVAA	Supplier	001
			SVAA	VLP	001
			SVAA	VTP	001
P0282	Delivered Volume Notification	BSCP508	AMVLP	SVAA	002

Flow Ref.	Data Flow Name	Source	From	To	Version
P0282	Delivered Volume Notification	BSCP602	AMVLP	SVAA	002
P0283	Rejection of Delivered Volume	BSCP602	SVAA	AMVLP	002
P0284	Confirmation Delivered Volume	BSCP602	SVAA	AMVLP	002
P0285	Delivered Volume Exception Report	BSCP602	SVAA	AMVLP	002
P0286	Disputed MSID Pair Allocation	BSCP602	AMVLP	AMVLP	001
			AMVLP	VLP	001
			AMVLP	VTP	001
			VLP	AMVLP	001
			VLP	VTP	001
			VLP	VLP	001
			VTP	AMVLP	001
			VTP	VLP	001
VTP	VTP	001			
P0287	Secondary Half Hourly Delivered Volumes	BSCP508	SVAA	Supplier	001
P0288	Secondary Half Hourly Consumption Volumes	BSCP508	SVAA	AMVLP	001
P0289	Secondary BM Unit Demand Volumes	BSCP508	SVAA	SAA	001
P0290	Secondary BM Unit Delivered Volumes	BSCP508	SVAA	SAA	001
P0291	Daily Activations Report	NETA IDD Part 2	SAA	SVAA	001
P0292	ABS MSID Pair Delivered Volume Notification	BSCP508	NETSO	SVAA	001
		BSCP602	NETSO	SVAA	001
P0293	Rejection of ABS MSID Pair Delivered Volume	BSCP508	SVAA	NETSO	001
		BSCP602	SVAA	NETSO	001
P0294	Confirmation of ABS MSID Pair Delivered Volume	BSCP508	SVAA	NETSO	001
		BSCP602	SVAA	NETSO	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0295	ABS MSID Pair Delivered Volume Exception Report	BSCP508	SVAA	NETSO	001
		BSCP602	SVAA	NETSO	001
P0296	Supplier BM Unit Non BM ABSVD	BSCP508	SVAA	SAA	001
		BSCP602	SVAA	SAA	001
P0297	Asset Registration	BSCP602	AMVLP	Supplier	001
			AMVLP	SVAA	001
P0298	Rejection of Asset Registration	BSCP602	Supplier	AMVLP	001
			SVAA	AMVLP	001
P0299	Confirmation of Asset Registration	BSCP602	Supplier	AMVLP	001
			SVAA	AMVLP	001
P0300	Registration of Asset Metering Agents	BSCP602	AMVLP	Supplier	001
			AMVLP	SVAA	001
P0301	Rejection of Asset Metering Agent Registration	BSCP602	Supplier	AMVLP	001
			SVAA	AMVLP	001
P0302	Confirmation of Asset Metering Agent Registration	BSCP602	Supplier	AMVLP	001
			SVAA	AMVLP	001
P0303	Asset Meter Registration	BSCP602	AMVLP	SVAA	001
			AMVLP	HHDC	001
			AMVLP	Supplier	001
			AMVLP	AMHHDC	001
		BSCP603	AMVLP	SVAA	001
			Supplier	AMHHDC	001
			Supplier	HHDC	001
			Supplier	SVAA	001
P0304	Rejection of Asset Meter Registration	BSCP602	Supplier	AMVLP	001
			SVAA	AMVLP	001
		BSCP603	AMVLP	AMHHDC	001
			AMVLP	AMMOA	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
P0304	Rejection of Asset Meter Registration	BSCP603	AMVLP	HHDC	001	
			AMVLP	MOA	001	
			Supplier	HHDC	001	
			Supplier	MOA	001	
			Supplier	AMHHDC	001	
			Supplier	AMMOA	001	
			SVAA	AMVLP	001	
SVAA	Supplier	001				
P0305	Confirmation of Asset Meter Registration	BSCP602	Supplier	AMVLP	001	
			SVAA	AMVLP	001	
			BSCP603	SVAA	Supplier	001
				SVAA	AMVLP	001
P0306	AMSID Pair Allocation to a Secondary BM Unit	BSCP602	AMVLP	SVAA	001	
P0307	Confirmation of AMSID Pair Allocation to a Secondary BM Unit	BSCP602	SVAA	AMVLP	001	
P0308	Rejection of AMSID Pair Allocation to a Secondary BM Unit	BSCP602	SVAA	AMVLP	001	
					001	
P0309	Notification of use of AMSID Pair by another AMVLP	BSCP602	SVAA	AMVLP	001	
P0310	Missing Metering System Data	BSCP503	SVAA	HHDA	001	
			SVAA	NHHDC	001	
			SVAA	HHDC	001	
			SVAA	AMVLP	001	
		BSCP603	SVAA	Supplier	001	
			SVAA	AMVLP	001	
			SVAA	HHDC	001	
			SVAA	Supplier	001	
P0311	Invalid Metering System Data	BSCP503	SVAA	HHDA	001	
			SVAA	HHDC	001	
		BSCP508	SVAA	NHHDC	001	
			SVAA	AMVLP	001	
			SVAA	Supplier	001	
			SVAA	AMVLP	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
P0311	Invalid Metering System Data	BSCP603	SVAA	HHDC	001
P0312	Disputed AMSID Pair Allocation	BSCP602	AMVLP	AMVLP	001
P0313	Consumption Data Issue Notification	BSCP603	AMHHDC	HHDC	001
P0314	Notification of AMHHDC	BSCP603	AMVLP	AMMOA	001
			AMVLP	HHDC	001
			AMVLP	AMHHDC	001
			AMVLP	MOA	001
			Supplier	AMHHDC	001
			Supplier	AMMOA	001
			Supplier	HHDC	001
			Supplier	MOA	001
P0315	Provision of Site Technical Details	BSCP603	AMVLP	MOA	001
			AMVLP	AMMOA	001
			Supplier	AMMOA	001
			Supplier	MOA	001
P0316	Details of Asset Metering Fault	BSCP603	AMHHDC	AMVLP	001
			AMHHDC	Supplier	001
			AMMOA	AMVLP	001
			AMMOA	Supplier	001
			HHDC	Supplier	001
			HHDC	AMVLP	001
			MOA	Supplier	001
			MOA	AMVLP	001
P0317	Report Action Required	BSCP603	AMHHDC	AMVLP	001
			AMHHDC	Supplier	001
			HHDC	AMVLP	001
			HHDC	Supplier	001
P0318	Metering Non-Compliance Notification	BSCP603	AMMOA	Supplier	001
			AMMOA	AMVLP	001
			MOA	AMVLP	001
P0319	Rejection Response for Request for Asset Metering System Site Technical Details	BSCP603	AMVLP	MOA	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
P0319	Rejection Response for Request for Asset Metering System Site Technical Details	BSCP603	AMVLP	AMMOA	001	
			Supplier	AMMOA	001	
			Supplier	MOA	001	
P0320	Loss of AMSID Pair Allocation Notification	BSCP602	SVAA	AMVLP	001	
			BSCP603	SVAA	AMVLP	001
				SVAA	Supplier	001
P0321	TUoS Residual Charges Billing Report	BSCP515	LDSO	NETSO	001	
P0322	TUoS Residual Charges Tariff Setting Report	BSCP515	LDSO	NETSO	001	
P0323	BM Unit Allocation Event Day	BSCP602	AMVLP	SVAA	001	
			Supplier	SVAA	001	
			VLP	SVAA	001	
			VTP	SVAA	001	
P0324	Rejection of BM Unit Allocation Event Day	BSCP602	SVAA	VTP	001	
			SVAA	AMVLP	001	
			SVAA	Supplier	001	
			SVAA	VLP	001	
P0325	Confirmation of BM Unit Allocation Event Day	BSCP602	SVAA	VTP	001	
			SVAA	VLP	001	
			SVAA	AMVLP	001	
			SVAA	Supplier	001	
P0326	BM Unit Allocation Baselineing Detail	BSCP602	AMVLP	SVAA	001	
			Supplier	SVAA	001	
			VLP	SVAA	001	
			VTP	SVAA	001	
P0327	Rejection of BM Unit Allocation Baselineing Detail	BSCP602	SVAA	VTP	001	
			SVAA	VLP	001	
			SVAA	Supplier	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
P0327	Rejection of BM Unit Allocation Baseline Detail	BSCP602	SVAA	AMVLP	001
P0328	BM Unit Submitted Expected Volume Notification	BSCP602	AMVLP	SVAA	001
			Supplier	SVAA	001
			VLP	SVAA	001
			VTP	SVAA	001
P0329	BM Unit Submitted Expected Volume Rejection	BSCP602	SVAA	Supplier	001
			SVAA	VLP	001
			SVAA	AMVLP	001
			SVAA	VTP	001
P0330	BM Unit Submitted Expected Volume Acceptance	BSCP602	SVAA	VTP	001
			SVAA	AMVLP	001
			SVAA	SVAA	001
			SVAA	VLP	001
P0331	BM Unit Submitted Expected Volume Warning	BSCP602	SVAA	VTP	001
			SVAA	VLP	001
			SVAA	AMVLP	001
			SVAA	Supplier	001
P0332	BM Unit Settlement Expected Volumes	BSCP508	SVAA	SAA	001
P0333	Baselining Expected Volume Report	BSCP602	SVAA	AMVLP	002
			SVAA	Supplier	002
			SVAA	VLP	002
			SVAA	VTP	002
P0334	Confirmation of BM Unit Allocation Baseline Detail	BSCP602	SVAA	AMVLP	001
			SVAA	VTP	001
			SVAA	Supplier	001
			SVAA	VLP	001
P0335	BM Unit Baselining Status	BSCP15	AMVLP	SVAA	001
			Supplier	SVAA	001



Flow Ref.	Data Flow Name	Source	From	To	Version
P0335	BM Unit Baseline Status	BSCP15	SVAA	VTP	001
			VLP	SVAA	001
P0336	Rejection of BM Unit Baseline Status	BSCP602	SVAA	VTP	001
			SVAA	VLP	001
			SVAA	AMVLP	001
			SVAA	Supplier	001
P0337	Confirmation of BM Unit Baseline Status	BSCP602	SVAA	AMVLP	001
			SVAA	Supplier	001
			SVAA	VLP	001
			SVAA	VTP	001
P0338	Supplier BM Unit Period Non-Chargeable Demand	BSCP508	SVAA	SAA	001
P0339	Daily Wholesale Market Activity Notification Report	BSCP602	ECVAA	SVAA	001
P0340	Supplier BM Unit Period Total Gross Non-Final Demand	BSCP508	SVAA	SAA	001
P0341	BM Unit Period Deviation Volume	BSCP502	SVAA	SAA	001
PDEX_	Deemed Meter Advance File	EAC/AA Technical Specification	NHHDC (EAC/AA)	NHHDC	001
PDRQ_	Deemed Meter Advance Request File	EAC/AA Technical Specification	NHHDC	NHHDC (EAC/AA)	001
PEEX_	EAC/AA File	EAC/AA Technical Specification	NHHDC (EAC/AA)	NHHDC	001
PERQ_	EAC/AA Request File	EAC/AA Technical Specification	NHHDC	NHHDC (EAC/AA)	001

## APPENDIX B - Data Interface Definition

(Reserved for PARMS)	P0217	001
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<b>100 kW Demand Report</b>	P0028	001
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Source Document	Known as	From	To	Comment
BSCP504	100 kW Demand Report 100 kW Demand Report	NHHDC NHHDC	BSC Panel Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Collector Id MD Value Meter Register Id Metering System Id Reading Date & Time	NHHDC Id

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
5.1	CP799	Add Supplier as recipient of flow

<b>ABS MSID Pair Delivered Volume Exception Report</b>	P0295	001
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Source Document	Known as	From	To	Comment
BSCP508	ABS MSID Pair Delivered Volume Exception Report	SVAA	NETSO	
BSCP602	ABS MSID Pair Delivered Volume Exception Report	SVAA	NETSO	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Period Id	
	GSP Group Id	
	Import MSID	
	Export MSID	
	Delivered Volume	
	Delivered Volume Rejection Reason	Applicable to P0292

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
53.0	P354	New flow created

<b>ABS MSID Pair Delivered Volume Notification</b>	P0292	001
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Source Document	Known as	From	To	Comment
BSCP508	ABS MSID Pair Delivered Volume Notification	NETSO	SVAA	
BSCP602	ABS MSID Pair Delivered Volume Notification	NETSO	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure Not Specified	Settlement Date	
	Settlement Period Id	
	GSP Group Id	
	Import MSID	
	Export MSID	
	Delivered Volume	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
53.0	P354	New flow created

<b>Acknowledgement</b>	P0024	001
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Source Document	Known as	From	To	Comment
BSCP501	Acknowledgement	NHHDC	MDDM	
BSCP502	Acknowledgement	HHDC	MDDM	
BSCP503	Acknowledgement	HHDA	MDDM	
BSCP504	Acknowledgement	NHHDC	MDDM	
BSCP505	Acknowledgement	NHHDA	MDDM	
BSCP508	Acknowledgement	BSC Panel	MDDM	
	Acknowledgement	FAA	MDDM	
	Acknowledgement	HHDA	MDDM	
	Acknowledgement	HHDC	MDDM	
	Acknowledgement	HHMO	MDDM	
	Acknowledgement	LDSO	MDDM	
	Acknowledgement	NETSO	MDDM	
	Acknowledgement	NHHDA	MDDM	
	Acknowledgement	NHHDC	MDDM	
	Acknowledgement	NHHMO	MDDM	
	Acknowledgement	SAA	MDDM	
	Acknowledgement	SMRA	MDDM	
	Acknowledgement	Supplier	MDDM	
	Acknowledgement	SVAA	MDDM	
	Acknowledgement	The Authority	MDDM	
BSCP520	Acknowledgement	UMSO	MDDM	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Acknowledgement Details To Participant Id	

<b>Acknowledgement</b>	P0024	001
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From Participant Id

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.1	CP704	Flow targets updated for consistency.
24.0	CP1155	Changes to UMS-related P-flows
50.0	P369	Transmission Company changed name to NETSO
58.0	P436	Modified BSCP514 flow routes



<b>AMSID Pair Allocation to a Secondary BM Unit</b>	P0306	001
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Source Document	Known as	From	To	Comment
BSCP602	AMSID Pair Allocation to Secondary BM Unit	AMVLP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	BM Unit Id	
	Import AMSID	
	Export AMSID	Only required where the related Asset has generation capacity
	AMSID Pair Differencing Indicator	
	MSID Pair Indicator	
	AMSID Pair in Secondary BM Unit EFD	
	AMSID Pair in Secondary BM Unit ETD	Optional
	Import MSID	From Associated MSID Pair; May be 1-* MSID Pairs
	Export MSID	From Associated MSID Pair; Where present

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

<b>Annual GSP Group Take</b>	P0125	001
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Source Document	Known as	From	To	Comment
BSCP533	Annual GSP Group Take	SVAA	PA Administrator	
PARMS	Annual GSP Group Take	SVAA	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>Asset Meter Registration</b>	P0303	001
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Source Document	Known as	From	To	Comment
BSCP602	Asset Meter Registration	AMVLP	HHDC	
	Asset Meter Registration	AMVLP	Supplier	
BSCP603	Asset Meter Registration	AMVLP	SVAA	
	Asset Meter Registration	AMVLP	AMHHDC	
	Asset Meter Registration	AMVLP	SVAA	
	Asset Meter Registration	Supplier	AMHHDC	
	Asset Meter Registration	Supplier	HHDC	
	Asset Meter Registration	Supplier	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	Where present
	Asset Meter Serial Number	For Import AMSID
	Outstation Type	For Import AMSID
	Asset Meter make and model	For Import AMSID
	Asset Meter Effective From Date	For Import AMSID
	Asset Meter Effective To Date	For Import AMSID; Optional
	Asset Metering Type	For Import AMSID
	Asset Meter Serial Number	For Export AMSID
	Outstation Type	For Export AMSID
	Asset Meter make and model	For Export AMSID

<b>Asset Meter Registration</b>	P0303	001
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Asset Meter Effective From Date  
 Asset Meter Effective To Date

For Export AMSID  
 For Export AMSID; Optional

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Asset Registration</b>	P0297	001
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Source Document	Known as	From	To	Comment
BSCP602	Asset Registration Asset Registration	AMVLP AMVLP	Supplier SVAA	Content of P0297 depends on the purpose as defined by the Action Indicator data item.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of IDD Part 1 spreadsheet.	AMVLP Id	
	Asset Registration Id	A unique identifier for an Asset Registration for an AMVLP. Required if Action Indicator = 'N'.
	AMSID Pair in Secondary BM Unit EFD	Required if Action Indicator = 'N' or 'U'.
	AMSID Pair in Secondary BM Unit ETD	Optional.
	Export AMSID Required Indicator	Boolean. Required if Action Indicator = 'N'.
	Import AMSID	Leave blank if Action Indicator = 'N'. Required if Action Indicator = 'U', 'C' or 'D'.
	Export AMSID	Leave blank if Action Indicator = 'N'. Leave blank if Action Indicator = 'N'. Required if Export AMSID exists and Action Indicator = 'U', 'C' or 'D'.
	GSP Group Id	Required if Action Indicator = 'N' or 'U'.
	BM Unit Id	Secondary BM Unit; Optional. Suppliers should leave blank.
	Address Line 1	Required if Action Indicator = 'N' or 'U'.
	Address Line 2	
	Address Line 3	
	Address Line 4	

<b>Asset Registration</b>	P0297	001
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Address Line 5	
Address Line 6	
Postcode	
Asset Type	Required if Action Indicator = 'N' or 'U'.
Asset Voltage	Required if Action Indicator = 'N' or 'U'.
Asset Capacity	In kW
Measurement Transformer Indicator	Boolean ('T'/'F'); Required if Action Indicator = 'N' or 'U'.
Import MSID	From Associated MSID Pair; may be 1-* Associated MSID Pairs for an AMSID Pair, all of which are required if Action Indicator = 'N' or 'U'.
Export MSID	From Associated MSID Pair Required where present.
Measurement Class Id	For Boundary Point MSIDs
Action Indicator	Valid Set: New, Update, Change of Registrant or Delete.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

**Baselining Expected Volume Report**

P0333

002

Source Document	Known as	From	To	Comment
BSCP602	Baselining Expected Volume Report	SVAA	AMVLP	
	Baselining Expected Volume Report	SVAA	Supplier	
	Baselining Expected Volume Report	SVAA	VLP	
	Baselining Expected Volume Report	SVAA	VTP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Refer to SVAA Tab in IDD Part 1 Spreadsheet for full structure details	Settlement Date	
	Settlement Run Type	
	BM Unit Id	Additional/Secondary BM Unit
	Settlement Period Id	
	Submitted Expected Volume	
	Baselined Expected Volume	
	BM Unit Settlement Expected Volume	
	BM Unit Deviation Volume	
	MSID Pair Allocation Indicator	
	MSID Pair Baseline Indicator	
	MSID Pair Baseline Methodology	
	Import MSID	
	Export MSID	
	MSID Pair Baseline Calculation Status	
	Settlement Period Id	

<b>Baselining Expected Volume Report</b>	P0333	002
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- Baselined Volume
- AMSID Pair Allocation Indicator
- AMSID Pair Baseline Indicator
- AMSID Pair Baseline Methodology
- Import AMSID
- Export AMSID
- AMSID Pair Baseline Calculation Status
- Settlement Period Id
- Baselined Volume
- Import MSID
- Export MSID
- MSID Pair Baseline Calculation Status
- Settlement Period Id
- Baselined Volume
- Site Allocation Indicator
- Site Baseline Indicator
- Site Baseline Methodology
- Site ID
- Site Baseline Calculation Status
- Settlement Period Id
- Baselined Volume
- Import MSID
- Export MSID
- MSID Pair Baseline Calculation Status



<b>Baselining Expected Volume Report</b>	P0333	002
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Settlement Period Id  
Baselined Volume  
Import MSID  
Export MSID  
MSID Pair Baseline Calculation Status  
Settlement Period Id  
Baselined Volume

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	P415	Added instance for VTP, added BM Unit Deviation Volume

<b>BM Unit Allocation Baselining Detail</b>	P0326	001
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Source Document	Known as	From	To	Comment
BSCP602	BM Unit Allocation Baselining Detail	AMVLP	SVAA	
	BM Unit Allocation Baselining Detail	Supplier	SVAA	
	BM Unit Allocation Baselining Detail	VLP	SVAA	
	BM Unit Allocation Baselining Detail	VTP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import AMSID	
	Import MSID	
	BM Unit Baselining EFD	
	Baselining Indicator	
	Baselining Methodology	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>BM Unit Allocation Event Day</b>	P0323	001
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Source Document	Known as	From	To	Comment
BSCP602	BM Unit Allocation Event Day	AMVLP	SVAA	
	BM Unit Allocation Event Day	Supplier	SVAA	
	BM Unit Allocation Event Day	VLP	SVAA	
	BM Unit Allocation Event Day	VTP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import AMSID	
	Export AMSID	
	Event Day	
	Event Day Type	B - Balancing Service, O - Other, D - Delete

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>BM Unit Baseline Status</b>	P0335	001
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Source Document	Known as	From	To	Comment
BSCP15	BM Unit Baseline Status	AMVLP	SVAA	
	BM Unit Baseline Status	Supplier	SVAA	
	BM Unit Baseline Status	SVAA	VTP	
	BM Unit Baseline Status	VLP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	BM Unit Baseline Status EFD	
	BM Unit Baseline Status	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>BM Unit Disconnected Supplier Take Energy Volume Data File</b>	P0237	001
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Source Document	Known as	From	To	Comment
BSCP508	BM Unit Disconnected Supplier Take Energy Volum	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Code	
	Run Type Code	
	SVA Run Number	
	GSP Group	
	BM Unit Id	
	Settlement Period Id	
	Period BM Unit Total Allocated Disconnected Volume	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Identifier			
	File Type			
	From Role Code	G		
	From Participant Id	Id of SVAA		
	To Role Code	F		
	To Participant Id	Id of SAA		
	Creation Time			
	Sending Application Id	null		

<b>BM Unit Disconnected Supplier Take Energy Volume Data File</b>	<b>P0237</b>	<b>001</b>
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		Receiving Application Id	null	Yes
		Broadcast	null	Yes
ZP2	Data File Additional Header	Test Data Flag		
		Record Code		ZP2
		Settlement Date	From SVAA Run	
		Settlement Code	From SVAA Run	
		Run Type Code	From SVAA Run	
		SVA Run Number	From SVAA Run	
		GSP Group		
RDT	Report Parameters	Record Code		RDT
		User Name		
		Report Parameters	Input SVA Run Number	
HD2	Additional Header Details	Record Code		HD2
		SVA Run Date		
		CDCA Set Number	From CDCA Set Number in GSP Group Take Data File	
		CDCA Settlement Date	From CDCA Settlement Date in GSP Group Take Data File	
GS6	GSP Group	Record Code		GS6
		GSP Group Id		
SU4	Supplier Detail	Record Code		SU4
		Supplier Id		
BM4	BM Unit	Record Code		BM4
		BM Unit Id		
BDD	Period BM Unit Allocated Disconnected Volume	Record Code		BDD
		Settlement Period Id		
		Period BM Unit Allocated Disconnected Volume		
ZPT	File Footer	Record Code		ZPT

<b>BM Unit Disconnected Supplier Take Energy Volume Data File</b>	P0237	001
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Record Count  
Checksum

**Backus-Naur Format (BNF):**

BM Unit Disconnected Supplier Take Energy Volume Data File ::= ZHD ZP2 RDT HD2 {GSP\_set} ZPT  
 GSP\_set ::= GS6 {SUP\_set}  
 SUP\_set ::= SU4 {BM4 {BDD}}

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
BDD	Settlement Period Id	Ascending
BM4	BM Unit Id	Ascending
GS6	GSP Group Id	Ascending
SU4	Supplier Id	Ascending

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

1. The file will include only those BM Units to which the SVA Run attributes an energy volume.
2. The BM Unit Disconnected Supplier Take Energy Volume Data File is output in ascending order by GSP Group, Supplier Id, BM Unit Identifier and Settlement Period Id.
3. The BM Unit Disconnected Supplier Take Energy Volume Data File is specified in Pool Transfer File Format and will be changed to Pool File Format before processing by Stage 2. Pool Transfer File Format (PTFF) is defined in Section 2.6.3 of the SVA Data Catalogue.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
40.0	P305	Flow created as part of Nov 15 Release

<b>BM Unit Period Deviation Volume</b>	P0341	001
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Source Document	Known as	From	To	Comment
BSCP502	BM Unit Period Deviation Volume	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the IDD Part 2 Spreadsheet	Settlement Date	
	SSR Run Type Id	
	BM Unit Id	Supplier BM Unit
	Settlement Period Id	
	BM Unit Deviation Volume	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	P415	New flow created



<b>BM Unit Registration Data File</b>	P0181	002
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Source Document	Known as	From	To	Comment
BSCP508	BM Unit Registration Data File	CRA	MDDM	
	BM Unit Registration Data File	MDDM	BSCCo	
Data Interface Spec between Stage 2 and the NETA	BM Unit Registration Data File	CRA	MDDM	
NETA IDD Part2	Stage 2 BM Unit Registration	CRA	MDDM	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	GSP Group Id	
	Supplier Id	
	BM Unit Id	
	Effective From Settlement Date	
	Effective To Settlement Date	
	Default BM Unit Flag	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Identifier			
	File Type		P0181001	
	From Role Code		Z	
	From Participant Id	Id of CRA		
	To Role Code		U	
	To Participant Id	Id of MDDM		

<b>BM Unit Registration Data File</b>	P0181	002
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	Creation Time	Time file processing was started. Specified in GMT.		
	Sending Application Id		Null	Yes
	Receiving Application Id		Null	Yes
	Broadcast		Null	Yes
	Test Data Flag			
GS7	GSP Group	Record Type	GS7	
		GSP Group Id		
SUP	Supplier Detail	Record Type	SUP	
		Supplier Id		
BMU	BM Unit	Record Type	See note 1.	BMU
		BM Unit Id		
		Effective From Settlement Date {BMUIGG}		
		Effective To Settlement Date {BMUIGG}		Yes
		Default BM Unit Flag		
ZPT	File Footer	Record Type	ZPT	
		Record Count		
		Checksum		

**Backus-Naur Format (BNF):**

BM Unit Registration Data File ::= ZHD GSP\_set {GSP\_set} ZPT

GSP\_set ::= GS7 {SUP\_set}  
 SUP\_set ::= SUP BMU {BMU}

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
BMU	BM Unit Id	Ascending
GS7	Record Type	Ascending
SUP	Supplier Id	Ascending

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

**BM Unit Registration Data File**

P0181

002

1. The file contains all Stage 2 BM Units registered in the CRA at the time that the file is generated. It will report historic data for a BM Unit in addition to current and future data.
2. The BM Unit Registration Data File will contain at least one GSP Group Record.
3. The BM Unit Registration Data File will contain at least one BMU record for every SUP record.
4. The BM Unit Registration Data File is specified in Pool Transfer File Format and will be changed to Pool File Format before processing by Stage 2. Pool Transfer File Format (PTFF) is defined in Section 2.6.3 of the SVA Data Catalogue.
5. The BM Unit Registration Data File will always consist of the complete set of BM Unit/GSP Group/Supplier relationships from the CRA database, and will be sent whenever there is a change. A change is determined to have happened if the flow generated is not the same as the previously generated flow (generally the flow generated on the previous day).
6. The BM Unit Registration Data File will summarise contiguous BM Unit effective date ranges as a single record in the flow with an Effective From Date equal to that of the earliest record in the contiguous block, and an Effective To Date equal to that of the latest (this may be null for open ended records).

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>BM Unit Settlement Expected Volumes</b>	P0332	001
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Source Document	Known as	From	To	Comment
BSCP508	BM Unit Settlement Expected Volumes	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	SSR Run Type Id	
	BM Unit Id	Secondary/Additional BM Unit; Null if no baselined BM Unit
	Settlement Period	
	BM Unit Settlement Expected Volume	Null if no SEV for Baselined BM Unit

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created

<b>BM Unit Submitted Expected Volume Acceptance</b>	P0330	001
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Source Document	Known as	From	To	Comment
BSCP602	BM Unit Submitted Expected Volume Acceptance	SVAA	AMVLP	Response to P0328
	BM Unit Submitted Expected Volume Acceptance	SVAA	SVAA	Response to P0328
	BM Unit Submitted Expected Volume Acceptance	SVAA	VLP	Response to P0328
	BM Unit Submitted Expected Volume Acceptance	SVAA	VTP	Response to P0328

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit Id	Secondary/Additional BMU

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>BM Unit Submitted Expected Volume Notification</b>	P0328	001
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Source Document	Known as	From	To	Comment
BSCP602	BM Unit Submitted Expected Volume Notification	AMVLP	SVAA	
	BM Unit Submitted Expected Volume Notification	Supplier	SVAA	
	BM Unit Submitted Expected Volume Notification	VLP	SVAA	
	BM Unit Submitted Expected Volume Notification	VTP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit SEV Effective From Date	
	BM Unit SEV Effective To Date	Null if Default SEV
	BM Unit Id	Secondary/Additional BM Unit
	Settlement Period Id	
	Submitted Expected Volume	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>BM Unit Submitted Expected Volume Rejection</b>	P0329	001
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Source Document	Known as	From	To	Comment
BSCP602	BM Unit Submitted Expected Volume Rejection	SVAA	AMVLP	Response to P0328
	BM Unit Submitted Expected Volume Rejection	SVAA	Supplier	Response to P0328
	BM Unit Submitted Expected Volume Rejection	SVAA	VLP	Response to P0328
	BM Unit Submitted Expected Volume Rejection	SVAA	VTP	Response to P0328

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit Id	
	BM Unit SEV Effective From Date	
	BM Unit SEV Effective To Date	
	Settlement Period Id	
	Submitted Expected Volume	
	Rejection Reason	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>BM Unit Submitted Expected Volume Warning</b>	P0331	001
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Source Document	Known as	From	To	Comment
BSCP602	BM Unit Submitted Expected Volume Warning	SVAA	AMVLP	
	BM Unit Submitted Expected Volume Warning	SVAA	Supplier	
	BM Unit Submitted Expected Volume Warning	SVAA	VLP	
	BM Unit Submitted Expected Volume Warning	SVAA	VTP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit Id	Secondary/Additional BMU
	Settlement Date	
	Settlement Period Id	
	Submitted Expected Volume	MWh
	BM Unit SEV Warning Reason	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created



<b>BM Unit Supplier Take Energy Volume Date File</b>	P0182	001
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Source Document	Known as	From	To	Comment
110pzt - SVAA Tech Spec.	BM Unit Supplier Take Energy Volume Report	SVAA	SAA	
BSCP508	BM Unit Supplier Take Energy Volume Date File	SVAA	SAA	
Data Interface Spec between Stage 2 and the NETA	BM Unit Supplier Take Energy Volume Date File	SVAA	SAA	
NETA IDD Part2	Allocated Supplier Volumes	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Code	
	Run Type Code	
	SVA Run Number	
	GSP Group	
	User Name	
	GSP Group Id	
	BM Unit Id	
	Settlement Period Id	
	Period BM Unit Total Allocated Volume	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Identifier			
	File Type		P0182001	

<b>BM Unit Supplier Take Energy Volume Date File</b>	<b>P0182</b>	<b>001</b>
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		From Role Code		G	
		From Participant Id	Id of SVAA		
		To Role Code		F	
		To Participant Id	Id of SAA		
		Creation Time	Time file processing was started. Specified in GMT.		
		Sending Application Id		Null	Yes
		Receiving Application Id		Null	Yes
		Broadcast		Null	Yes
		Test Data Flag			
ZP2	Data File Additional Header	Record Type		ZP2	
		Settlement Date	From SVA Run		
		Settlement Code	From SVA Run		
		Run Type Code	From SVA Run Type Id		
		SVA Run Number	From SVA Run		
		GSP Group		Null	
RDT	Report Parameters	Record Type		RDT	
		User Name			
		Report Parameters	Input SVA Run Number		
HD2	Additional Header Details	Record Type		HD2	
		SVA Run Date			
		CDCA Set Number	from CDCA Set Number in GSP Group Take Data File		
		CDCA Settlement Date	From CDCA Settlement Date in GSP Group Take Data File		
GS8	GSP Group	Record Type		GS8	
		GSP Group Id			
SU2	Supplier Detail	Record Type		SU2	
		Supplier Id			
BM2	BM Unit	Record Type	See note 1.	BM2	
		BM Unit Id			

<b>BM Unit Supplier Take Energy Volume Date File</b>	P0182	001
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BMV	Period BM Unit Total Allocated Volume	Record Type	BMV
		Settlement Period Id	
		Period BM Unit Total Allocated Volume	
ZPT	File Footer	Record Type	ZPT
		Record Count	
		Checksum	

**Backus-Naur Format (BNF):**

BM Unit Supplier Take Energy Volume Date File ::= ZHD ZP2 RDT HD2 {GSP\_set} ZPT

GSP\_set ::= GS8 {SUP\_set}  
 SUP\_set ::= SU2 {BM2 {BMV}}

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
BM2	BM Unit Id	Ascending
BMV	Settlement Period Id	Ascending
GS8	GSP Group Id	Ascending
SU2	Supplier Id	Ascending

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

1. The file will include only those BM Units to which the SVA Run attributes an energy volume.
2. The BM Unit Supplier Take Energy Volume Data File is output in ascending order by GSP Group, Supplier Id, BM Unit Identifier and Settlement Period Id.
3. The BM Unit Supplier Take Energy Volume Data File is specified in Pool Transfer File Format and will be changed to Pool File Format before processing by Stage 2. Pool Transfer File Format (PTFF) is defined in Section 2.6.3 of the SVA Data Catalogue.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>BM Unit Supplier Take Energy Volume Date File</b>
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P0182
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001
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<b>BM Unit SVA Gross Demand Data File</b>	P0236	001
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Source Document	Known as	From	To	Comment
BSCP508	BM Unit SVA Gross Demand Data File	SVAA	SAA	
NETA IDD Part 2	BM Unit SVA Gross Demand Data File	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Supplier Id	
	GSP Group Id	
	BM Unit Id	
	CDCA Settlement Date	
	SVAA SSR Settlement Date	
	SVAA SSR Run Number	
	Settlement Period (1-50)	
	Period BM Unit SVA Gross Demand	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Identifier			
	File Type		P0236001	
	From Role Code		G	
	From Participant Id	Id of SVAA		
	To Role Code		F	
	To Participant Id	Id of SAA		
	Sending Application Id		Null	Yes

<b>BM Unit SVA Gross Demand Data File</b>	<b>P0236</b>	<b>001</b>
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		Receiving Application Id		Null	Yes
		Broadcast		Null	Yes
		Test Data Flag		Null	Yes
ZP2	Data File Additional Header	Record Type		ZP2	
		Settlement Date	From SVA Run		
		Settlement Code	From SVA Run		
		Run Type Code	From SVA Run Type Id		
		SVA Run Number	From SVA Run		
		GSP Group		Null	
RDT	Report Parameters	Record Type		RDT	
		User Name			
		Report Parameters	Input SVA Run Number		
HD2	Additional Header Details	Record Type		HD2	
		SVA Run Date			
		CDCA Set Number	From CDCA Set Number in GSP Group Take Data File		
		CDCA Settlement Date	From CDCA Settlement Date in GSP Group Take Data File		
GS9	GSP Group	Record Type		GS9	
		GSP Group Id			
SU3	Supplier Detail	Record Type		SU3	
		Supplier Id			
BM3	BM Unit Detail	Record Type	See note 1	BM3	
		BM Unit Id			
BMV	Period BM Unit SVA Gross Demand	Record Type		BMV	
		Settlement Period Id			
		Period BM Unit SVA Gross Demand			
ZPT	File Footer	Record Type		ZPT	

<b>BM Unit SVA Gross Demand Data File</b>	P0236	001
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Record Type ZPT  
 Record Count  
 Checksum

**Backus-Naur Format (BNF):**

BM Unit Registration Data File ::= ZHD ZP2 RDT HD2 {GSP\_set} ZPT  
 GSP\_set ::= GS9 {SUP\_set}  
 SUP\_set ::= SU3 {BM3 {BMV}}

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
BM3	BM Unit Id	Ascending
BMV	Settlement Period Id	Ascending
GS9	GSP Group Id	Ascending
SU3	Supplier Id	Ascending

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

1. The file will include only those BM Units to which the SVA Run attributes a demand energy volume.
2. The BM Unit SVA Gross Demand Data File is output in ascending order by GSP Group, Supplier Id, BM Unit Identifier and Settlement Period Id.
3. The BM Unit SVA Gross Demand Data File is specified in Pool Transfer File Format and will be changed to Pool File Format before processing by Stage 2. Pool Transfer File Format (PTFF) is defined in Section 2.6.3 of the SVA Data Catalogue.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
37.0	ORD005	Changes required for Electricity Market Reform (EMR)

<b>BSC Agent Details</b>	P0194	001
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Source Document	Known as	From	To	Comment
BSCP507	BSC Agent Details	SVAA	CRA	Section 3.3.1
NETA IDD Part 2	BSC Agent Details	SVAA	CRA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Action Description	Action Description	
Authentication Details	Name	
	Password	
BSC Service Agent Details	Agent Name	
	Agent Identifier	Market Participant Id
Service Agent Role Details	Agent Type	Role Code
	Effective From Date	
	Effective To Date	
Role Address Details	Address	
	Telephone Number	
	Fax Number	
	e-mail Address	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
AAA AAA Header	Record Type		AAA	
	File Type			
	Message Role		D or R	



<b>BSC Agent Details</b>	P0194	001
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		Creation Time		
		From Role Code		
		From Participant Id		
		To Role Code		
		To Participant Id		
		Sequence Number		
		Test Data Flag		
BS2	BSC Service Agent Details	Record Type	BS2	
		Action Description		
		Authentication Name		
		Authentication Password		
		Agent Name		
		Agent Id		Yes
SR5	Service Agent Role Details	Record Type	SR5	
		Agent Type		
		Effective From Date		
		Effective To Date		Yes
RA2	Role Address Details	Record Type	RA2	
		Address Line 1		
		Address Line 2		Yes
		Address Line 3		Yes
		Address Line 4		Yes
		Address Line 5		Yes
		Address Line 6		Yes
		Address Line 7		Yes
		Address Line 8		Yes
		Address Line 9		Yes
		Postcode		Yes
		Telephone No		Yes

<b>BSC Agent Details</b>	P0194	001
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ZZZ	ZZZ Footer	Fax No		Yes
		E-Mail Address		Yes
		Record Type	ZZZ	
		Record Count		
		Checksum		

<b>BSCCo GSP Group Consumption Totals Report</b>	P0276	001
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Source Document	Known as	From	To	Comment
BSCP508	BSCCo GSP Group Consumption Totals Report	SVAA	BSCCo	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type			
	From Role Code	G		
	From Participant Id	Id of SVAA		
	To Role Code	Z		
	To Participant Id	Id of BSCCo		
	Creation Time			
ZPD Data File Additional Header	Record Code		ZPD	
	Settlement Date			
	Settlement Code			
	Run Type Code			
	Run Number			
	GSP Group Id		Null	
HDR Report Data	Record Code		HDR	
	Settlement Date			
	Settlement Code			
	Settlement Code Description			
	SSR Run Date			
	SSR Run Number			
	SSR Run Type Id			
GSP GSP Group	Record Code		GSP	

<b>BSCCo GSP Group Consumption Totals Report</b>	P0276	001
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	GSP Group Id		
	GSP Group Name		
	Record Code	CCC	
CCC	Consumption Component Class		
	Consumption Component Class Id		
	GSP Group Correction Scaling Factor		
	AA/EAC Indicator		Yes
	Actual/Estimated Indicator		Yes
	Data Aggregation Type		
	Metered/Unmetered Indicator		
	Consumption Component Indicator		
	Data Aggregation Type		
	Metered/Unmetered Indicator		
	Consumption Component Indicator		
SPX	Settlement Period	SPX	
	Record Code		
	Settlement Period Id		
	Settlement Period Label		
	Total CCC Aggregated Supplier Consumption		Yes
	Total CCC Aggregated Supplier Line Loss		Yes
	Total CCC Corrected Supplier Consumption		Yes
	Total CCC Corrected Supplier Line Loss		Yes
	Total CCC MSID Count		Yes
ZPT	File Footer	ZPT	
	Record Code		
	Record Count		
	Checksum		

**Backus-Naur Format (BNF):**

GSP Group Consumption Totals Report ::= ZHD ZPD HDR {GSP\_set} ZPT

GSP\_set ::= CCC {SPX}

<b>BSCCo GSP Group Consumption Totals Report</b>	P0276	001
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Backus-Naur Format (BNF):

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
42.0	P315	Flow created

<b>CM01 - CVA MOA Proving Tests</b>	P0133	001
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Source Document	Known as	From	To	Comment
BSCP533	CM01 - CVA MOA Proving Tests	CDCA	PA Administrator	

<b>CM02 - CVA MOA Fault Resolution</b>	P0134	001
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Source Document	Known as	From	To	Comment
BSCP533	CM02 - CVA MOA Fault Resolution	CDCA	PA Administrator	

<b>Collated Supplier UMS Registrations</b>	P0218	001
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Source Document	Known as	From	To	Comment
BSCP520	Supplier UMS Registration Confirmation	UMSO	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Metering System Ids with Settlement Dates	Metering System Id	
	Supplier Id	
	Energisation Status	
	Effective From Settlement Date {MSES}	
	Profile Class Id	
	Effective From Settlement Date {MSPCDC}	
	Measurement Class Id	
	Effective From Settlement Date {MSMCDC}	
	UMS Certificate Present	T or F
	Settlement Details	Standard Settlement Configuration Id
Effective From Settlement Date {SCON}		
GSP Group Id		
Effective From Settlement Date {MSGGDC}		
Time Pattern Regime	Time Pattern Regime Id	
	Estimated Annual Consumption	
	Effective From Settlement Date {EACDC}	



**Collated Supplier UMS Registrations**

P0218

001

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
20	various	SVA June 05 Release
24	CP1155	Changes to UMS-related P-flows

<b>Confirmation Delivered Volume</b>	P0284	002
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of Delivered Volume	SVAA	AMVLP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit Id	
	GSP Group Id	
	Import MSID	
	Export MSID	
	Settlement Date	Mandatory
	Settlement Period Id	
	Delivered Volume	

<b>Confirmation of ABS MSID Pair Delivered Volume</b>	P0294	001
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Source Document	Known as	From	To	Comment
BSCP508	Confirmation of ABS MSID Pair Delivered Volume	SVAA	NETSO	
BSCP602	Confirmation of ABS MSID Pair Delivered Volume	SVAA	NETSO	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	Applicable to P0292

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
53.0	P354	New flow created

<b>Confirmation of AMSID Pair Allocation to a Secondary BM Unit</b>	P0307	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of AMSID Pair Allocation to a Second	SVAA	AMVLP	Response to P0306. Only contains data items submitted in P0306 plus Rejection Reason.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	BM Unit Id	
	Import AMSID	
	Export AMSID	
	AMSID Pair Differencing Indicator	
	AMSID Pair in Secondary BM Unit EFD	
	AMSID Pair in Secondary BM Unit ETD	
	Import MSID	
	Export MSID	
	MSID Pair Indicator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

Confirmation of AMSID Pair Allocation to a Secondary BM Unit	P0307	001
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<b>Confirmation of Asset Meter Registration</b>	P0305	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of Asset Meter Registration	Supplier	AMVLP	
	Confirmation of Asset Meter Registration	SVAA	AMVLP	Response to P0303.
BSCP603	Confirmation of Asset Meter Registration	SVAA	AMVLP	
	Confirmation of Asset Meter Registration	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	
	Asset Meter Serial Number	
	Outstation Type	
	Asset Meter make and model	
	Asset Meter Effective From Date	
	Asset Meter Effective To Date	
	Asset Metering Type	
	Asset Meter Serial Number	
	Outstation Type	
	Asset Meter make and model	
	Asset Meter Effective From Date	
	Asset Meter Effective To Date	
	Asset Metering Type	

<b>Confirmation of Asset Meter Registration</b>	P0305	001
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Action Indicator

Rejection Reason

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Confirmation of Asset Metering Agent Registration</b>	P0302	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of Asset Metering Agent Registration	Supplier SVAA	AMVLP AMVLP	Response to P0300. Only contains data items submitted in P0300

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	
	MOA Id	
	MOA Effective From Date	
	HHDC Id	
	HHDC Effective From Date	
	AMHHDC Id	
	AMHHDC Effective From Date	
	AMHHDC Effective To Date	
	Action Indicator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason



<b>Confirmation of Asset Metering Agent Registration</b>	P0302	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Confirmation of Asset Registration</b>	P0299	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of Asset Registration Confirmation of Asset Registration	Supplier SVAA	AMVLP AMVLP	Response to P0297. Only contains data items submitted in P0297.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Asset Registration Id	
	AMSID Pair EFD	
	AMSID Pair ETD	
	Export AMSID required indicator	
	Import AMSID	
	Export AMSID	
	GSP Group Id	
	BM Unit Id	
	Address Line 1	
	Address Line 2	
	Address Line 3	
	Address Line 4	
	Address Line 5	
Address Line 6		
Postcode		

<b>Confirmation of Asset Registration</b>	P0299	001
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- Asset Type
- Asset Voltage
- Asset Capacity
- Measurement Transformer Indicator
- Import MSID
- Export MSID
- Measurement Class Id
- Action Indicator

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

<b>Confirmation of BM Unit Allocation Baselineing Detail</b>	P0334	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of BM Unit Allocation Baselineing Detail	SVAA	AMVLP	Response to P0326
	Confirmation of BM Unit Allocation Baselineing Detail	SVAA	Supplier	Response to P0326
	Confirmation of BM Unit Allocation Baselineing Detail	SVAA	VLP	Response to P0326
	Confirmation of BM Unit Allocation Baselineing Detail	SVAA	VTP	Response to P0326

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import AMSID	
	Import MSID	
	BM Unit Baselineing EFD	
	Baselineing Indicator	
	Baselineing Methodology	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP
62.0	P415	Added instance for VTP

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Confirmation of BM Unit Allocation Baseline Detail	P0334	001
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<b>Confirmation of BM Unit Allocation Event Day</b>	P0325	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of BM Unit Allocation Event Day	SVAA	AMVLP	Response to P0323
	Confirmation of BM Unit Allocation Event Day	SVAA	Supplier	Response to P0323
	Confirmation of BM Unit Allocation Event Day	SVAA	VLP	Response to P0323
	Confirmation of BM Unit Allocation Event Day	SVAA	VTP	Response to P0323
	Confirmation of BM Unit Allocation Event Day	SVAA	VTP	Response to P0323

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import AMSID	
	Import MSID	
	Event Day	
	Event Day Type	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>Confirmation of BM Unit Baseline Status</b>	P0337	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of BM Unit Baseline Status	SVAA	AMVLP	Confirmation of P0335
	Confirmation of BM Unit Baseline Status	SVAA	Supplier	Confirmation of P0335
	Confirmation of BM Unit Baseline Status	SVAA	VLP	Confirmation of P0335
	Confirmation of BM Unit Baseline Status	SVAA	VTP	Confirmation of P0335

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	BM Unit Baseline Status EFD	
	BM Unit Baseline Status	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>Confirmation of MSID Pair Allocation</b>	P0279	001
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Source Document	Known as	From	To	Comment
BSCP602	Confirmation of MSID Pair Allocation	SVAA	Supplier	
	Confirmation of MSID Pair Allocation	SVAA	VLP	
	Confirmation of MSID Pair Allocation	VTP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	MSID Pair Id	
	BM Unit Id	
	GSP Group Id	
	Effective From Settlement Date {MSIDP}	
	Effective To Settlement Date {MSIDP}	
	Import MSID	
	Import MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ICCF}	
	Effective To Settlement Date {ICCF}	
	Export MSID	
	Export MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ECCF}	
	Effective To Settlement Date {ECCF}	
	MSID Pair Rejection Reason	Applicable to P0280
Delete Flag	Applicable to P0278	

**Physical File Specification:**



<b>Confirmation of MSID Pair Allocation</b>	P0279	001
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Record	Field Name	Comment	Value	Opt
	MSID Pair Id			Yes
	BM Unit Id			
	GSP Group Id			
	Effective From Settlement Date {MSIDP}			
	Effective To Settlement Date {MSIDP}			
	Import MSID			
	Import MSID Customer Consent Flag			
	Effective From Settlement Date {ICCF}			
	Effective To Settlement Date {ICCF}			
	Export MSID			Yes
	Export MSID Customer Consent Flag			Yes
	Effective From Settlement Date {ECCF}			Yes
	Effective To Settlement Date {ECCF}			Yes
	MSID Pair Rejection Reason			
	Delete Flag			

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added
62.0	P415	Added instance for VTP

<b>Consumption Data Issue Notification</b>	P0313	001
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Source Document	Known as	From	To	Comment
BSCP603	Consumption Data Issue Notification	AMHHDC	HHDC	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Period Id	
	AMSID	
	Period Asset Metering System Metered Data	
	Actual/Estimated Indicator	
	Measurement Quantity Id	
	Details of Issue	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
62.0	CP1598	Flow routes modified

<b>Daily Activations Report</b>	P0291	001
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Source Document	Known as	From	To	Comment
NETA IDD Part 2	Daily Activations Report	SAA	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	BM Unit Id	
	Settlement Period Id	
	BM Activation	
	RR Activation	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Identifier			
	File Type	P0291	P0291001	
	From Role Code		F	
	From Participant Id	Id of SAA		
	To Role Code		G	
DAC Daily Activations	To Participant Id	Id of SVAA		
	Record Type		DAC	
BM7 BM Units	Settlement Date			
	Record Type		BM7	
PAC Period Activation Data	BM Unit Id	Primary or Secondary BM Unit		
	Record Type		PAC	

<b>Daily Activations Report</b>	P0291	001
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ZHD File Footer

Settlement Period Id  
 BM Activation  
 RR Activation  
 RR Activation  
 Record Type  
 Record Count  
 Checksum

Activation for the first quarter of Settlement Period  
 Activation for second quarter of Settlement Period

ZHD

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
52.0	CP1517	New flow created

<b>Daily Wholesale Market Activity Notification Report</b>	P0339	001
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<b>Source Document</b> BSCP602	<b>Known as</b> Daily Wholesale Market Activity Notification Report	<b>From</b> ECVAA	<b>To</b> SVAA	<b>Comment</b>
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	P415	New flow created

<b>Data Aggregator in a GSP Group</b>	P0031	001
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Source Document	Known as	From	To	Comment
BSCP507	Data Aggregator in a GSP Group	Supplier	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Aggregator Id	
	Data Aggregator Type	
	Effective From Settlement Date {DAIGG}	
	Effective From Settlement Date {SIGG}	
	Effective To Settlement Date {DAIGG}	
	GSP Group Id	
	Supplier Id	

<b>Data Collector in a GSP Group</b>	P0032	001
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Source Document	Known as	From	To	Comment
BSCP507	Data Collector in a GSP Group	Supplier	PAB	
	Data Collector in a GSP Group	Supplier	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Collector Type	
	Data Collector Id	
	Effective From Date {DCIGG}	
	Effective To Date {DCIGG}	
	GSP Group Id	
	Supplier Id	

<b>Deappointment and Deregistration of MOA(s) in CRA</b>	P0205	001
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Source Document	Known as	From	To	Comment
BSCP68	Deappointment and Deregistration of MOA(s) in CR	Registrant (CVA) Registrant (CVA)	HHMO NHHMO	See CRA-I004

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure Not Specified	MOA Id Effective To Date	One day before Effective From Date in SMRS

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.1	CP704	Flow targets updated for consistency.



<b>Deemed Meter Advance File</b>	PDEX_	001
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Source Document	Known as	From	To	Comment
EAC/AA Technical Specification	Deemed Meter Advance File	NHHDC (EAC/AA)	NHHDC	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type		PDEX_001	
	From Role Code		D	
	From Participant Id	Id of Data Collector sending file		
	To Role Code		D	
	To Participant Id	Id of Data Collector receiving file		
	Creation Time	Time of file generation		
ZPD Data File Additional Header	Record Code		ZPD	
	Settlement Date		Null	
	Settlement Code		Null	
	Run Type Code		Null	
	Run Number		Null	
	GSP Group Id		Null	
MSI	Record Code		MSI	
	Metering System Id			
	Standard Settlement Configuration Id			
	Effective From Settlement Date {DMA}			
	Effective To Settlement Date {DMA}			
DMA Deemed Meter Advance Detail	Record Code		DMA	
	Time Pattern Regime Id			
	Deemed Meter Advance	Software uses NUM(12,1)		

<b>Deemed Meter Advance File</b>	PDEX_	001
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ZPT File Footer Record Code ZPT  
 Record count Number of records in the file, including headers and footer.  
 Checksum

**Backus-Naur Format (BNF):**

Deemed Meter Advance File ::= ZHD ZPD { MSI {DMA}} ZPT

<b>Deemed Meter Advance Request File</b>	PDRQ_	001
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Source Document	Known as	From	To	Comment
EAC/AA Technical Specification	Deemed Meter Advance Request File	NHHDC	NHHDC (EAC/AA)	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type		PDRQ_001	
	From Role Code		D	
	From Participant Id	Id of Data Collector sending file		
	To Role Code		D	
	To Participant Id	Id of Data Collector receiving file		
	Creation Time	Time of file generation		
ZPD Data File Additional Header	Record Code		ZPD	
	Settlement Date		Null	
	Settlement Code		Null	
	Run Type Code		Null	
	Run Number		Null	
	GSP Group Id		Null	
MSI	Record Code		MSI	
	Metering System Id			
	Standard Settlement Configuration Id			
	Effective From Settlement Date {DMA}			
	Effective To Settlement Date {DMA}			
PCI Profile Class	Record Code		PCI	
	Profile Class Id			
	Effective From Settlement Date {MSPC}			

<b>Deemed Meter Advance Request File</b>		PDRQ_	001
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GSP	GSP Groups	Record Code		GSP
		GSP Group Id		
		Effective From Settlement Date {MSGG}		
EAA	EAC or AA	Record Code		EAA
		Time Pattern Regime Id		
		Estimated Annual Consumption or Annualised Advance	Software uses Num(12,1)	
ZPT	File Footer	Record Code		ZPT
		Record count	Number of records in the file, including headers and footer.	
		Checksum		

**Backus-Naur Format (BNF):**

Deemed Meter Advance Request File ::= ZHD ZPD { MSI {PCI} {GSP} {EAA}} ZPT

Deemed Meter Reads on CoS			P0119	001
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Source Document	Known as	From	To	Comment
PARMS	Deemed Meter Reads on CoS	Supplier	PA Administrator	

<b>Deemed Take Apportionment (Sup Cap Take)</b>	P0120	002
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Source Document	Known as	From	To	Comment
BSCP533	Deemed Take Apportionment (Sup Cap Take)	SVAA	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
4.1	P68	Change in mechanism in setting monthly Suppiler Caps
22	CP1127	Feb 06 Release Changes

<b>Default Data</b>	P0036	001
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Source Document	Known as	From	To	Comment
BSCP508	Default Data Default Data	SVAA SVAA	NHHDC Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Details of Default Data Used To Participant Id From Participant Id Settlement Date	

<b>Default Teleswitch Data Report</b>	P0043	001
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Source Document	Known as	From	To	Comment
BSCP504	Teleswitch Report	SVAA	Supplier	
BSCP508	Teleswitch Report	SVAA	BSC Panel	sent monthly
	Teleswitch Report	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Collector Id	NHHDC Id
	Supplier Id	
	GSP Group Id	
	SVA Agent Id	
	Settlement Date	
	Settlement Type	
	Teleswitch Data Values	
	Date Previously Used	



<b>Delivered Volume Exception Report</b>	P0285	002
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Source Document	Known as	From	To	Comment
BSCP602	Delivered Volume Exception Report	SVAA	AMVLP	Will include only data items included in the received P0282 for the relevant MSIDs and / or AMSIDs

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of IDD Part 1 spreadsheet	Settlement Date	
	GSP Group Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import MSID	
	Export MSID	
	Settlement Period Id	
	Delivered Volume	
	Delivered Volume Exception Reason	
	Import AMSID	
	Export AMSID	
	Settlement Period Id	
	Delivered Volume	
	Delivered Volume Exception Reason	

Delivered Volume Exception Report

P0285

002

<b>Delivered Volume Notification</b>	P0282	002
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Source Document	Known as	From	To	Comment
BSCP508	Delivered Volume Notification	AMVLP	SVAA	
BSCP602	Delivered Volume Notification	AMVLP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the NETA IDD Part 1 Spreadsheet	Settlement Date	1 day per file
	GSP Group Id	1-14
	BM Unit Id	Secondary BM Unit
	MSID Pair Indicator	'T' means 'No AMSID Pairs' 'A' means 'MSID Pair used for Asset Metering' 'D' means 'MSID Pair used for Asset Differencing'
	Import MSID	1-*
	Export MSID	
	Settlement Period Id	46, 48 or 50
	Delivered Volume	In MWh; for MSID Pair; only required if MSID Pair Indicator = 'T' or 'D'
	Import AMSID	
	Export AMSID	
	Settlement Period Id	46,48 or 50
	Delivered Volume	In MWh; for AMSID Pair; only required if MSID Pair Indicator = 'A'

**Notes:**

If MSID Pair Indicator = 'T' or 'D', this should contain Delivered Volume for MSID Pair(s)

<b>Delivered Volume Notification</b>	P0282	002
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**Notes:**

If MSID Pair Indicator = 'A', this should contain Delivered Volume for AMSID Pair(s)

<b>Details of Asset Metering Fault</b>	P0316	001
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Source Document	Known as	From	To	Comment
BSCP603	Details of Asset Metering Fault	AMHHDC	AMVLP	
	Details of Asset Metering Fault	AMHHDC	Supplier	
	Details of Asset Metering Fault	AMMOA	AMVLP	
	Details of Asset Metering Fault	AMMOA	Supplier	
	Details of Asset Metering Fault	HHDC	AMVLP	
	Details of Asset Metering Fault	HHDC	Supplier	
	Details of Asset Metering Fault	MOA	AMVLP	
	Details of Asset Metering Fault	MOA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	AMSID	
	Reason for Request	
	Date Fault Suspected/Detected	
	Meter Id (Serial Number)	
	Additional Information	

**Notes:**

Sent by any participant other than AMVLP, HHDC or AMHHDC.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

<b>Details of Asset Metering Fault</b>	P0316	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
60.0	P395	Added instances for BSCP603
62.0	CP1598	Flow routes modified

<b>Disconnected Non-BM STOR MPANs</b>	P0241	001
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Source Document	Known as	From	To	Comment
N/A	Disconnected Non-BM STOR MPANs	NETSO	SVAA	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type		P0241001	
	From Role Code	According to MDD	T	
	From Participant Id	MPID of NETSO		
	To Role Code	According to MDD		
	To Participant Id	MPID of SVAA		
	Creation Type	MPID of SVAA	G	
61K Demand Control Event Details	Demand Control Event Id			
	Start Date and Time			
	End Date and Time			
62K Metering Systems	Metering System Id			
	Measurement Quantity Id	Always Active Import	AI	
	Supplier Id	MPID if known		
63K Settlement Date	Settlement Date			
64K HH Periods	Estimated HH Demand Disconnection Volume	Value in kWh for each of that day's 46, 48 or 50 Settlement Periods; at least report nil values		
ZPT File Footer	Record Type		ZPT	
	Record Count			
	Checksum			

**Backus-Naur Format (BNF):**

Disconnected DSBR and Non-BM STOR MPANs ::= 61K {62K {63 {64K} } }

Disconnected Non-BM STOR MPANs	P0241	001
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**Backus-Naur Format (BNF):**

**Notes:**

This file should be sent as a pipe delimited file.

The Start/End Date and Time in the P0241 reflect the start and end of the Demand Control Event, not intermediary actions within an event. Therefore, the Transmission Company should report all demand side Non-BM STOR and DSBR MSIDs affected by the same event in the same file, irrespective of whether MSIDs are disconnected and reconnected multiple times within the same event.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
50.0	P369	Transmission Company changed name to NETSO
51.0		DSBR is no longer used as a Balancing Service



<b>Disputed AMSID Pair Allocation</b>	P0312	001
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Source Document	Known as	From	To	Comment
BSCP602	Disputed AMSID Pair Allocation	AMVLP	AMVLP	Sent by the AMVLP that had the AMSID Pair allocated to its Secondary BM Unit in P0309.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Import AMSID	
	Export AMSID	
	Disputed Reason	
	Disputed Detail	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

<b>Disputed MSID Pair Allocation</b>	P0286	001
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Source Document	Known as	From	To	Comment
BSCP602	Disputed MSID Pair Allocation	AMVLP	AMVLP	
	Disputed MSID Pair Allocation	AMVLP	VLP	
	Disputed MSID Pair Allocation	AMVLP	VTP	
	Disputed MSID Pair Allocation	VLP	AMVLP	
	Disputed MSID Pair Allocation	VLP	VLP	
	Disputed MSID Pair Allocation	VLP	VTP	
	Disputed MSID Pair Allocation	VTP	AMVLP	
	Disputed MSID Pair Allocation	VTP	VLP	
	Disputed MSID Pair Allocation	VTP	VTP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	MSID Pair Id	
	Import MSID	
	Export MSID	
	Disputed Reason	
	Disputed Detail	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added
62.0	P415	Added instance for VTP

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Disputed MSID Pair Allocation	P0286	001
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<b>DPI - Data Provider Information</b>			P0135	001
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Source Document	Known as	From	To	Comment
BSCP533	DPI - Data Provider Information	Supplier	PA Administrator	

**EAC Data to Distributor Report**

P0222

001

Source Document	Known as	From	To	Comment
BSCP505	EAC Data to Distributor Report	NHHDA	LDSO	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Metering System Details	LDSO Id	
	Settlement Date	
	Metering System Id	
	Energisation Status	
	GSP Group Id	
	Line Loss Factor Class Id	
	Profile Class Id	
Estimated Annual Consumption Details	Standard Settlement Configuration Id	
	Time Pattern Regime	
	Estimated Annual Consumption	
	EAC Default Flag	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type	ZHD		
	File Type	P0222001		
	From Role Code	B		
	From Participant Id	Id of the NHHDA sending file		
	To Role Code	R		

<b>EAC Data to Distributor Report</b>	P0222	001
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	To Participant Id	Id of LDSO receiving file	
	Creation Time	Time of file generation	
DEH Distributor EAC Header`	Record Type	DEH	
DEH Distributor EAC Header	Settlement Date		
MSD Metering System Details	Record Type	MSD	
	Metering System Id		
	Energisation Status		
	GSP Group Id		
	Line Loss Factor Class Id		
	Profile Class Id		
	Standard Settlement Configuration Id		
EAD Estimated Annual Consumption Details	Record Type	EAD	
	Time Pattern Regime Id		
	Estimated Annual Consumption	kWh, blank if value could not be specified	Yes
MSD Metering System Details	EAC Default Flag	Y if Default EAC, N if EAC received from Data Collector, blank if value could not be specified	Yes
ZPT File Footer	Record Type	ZPT	
	Record Count		
	Checksum	Number of records in the file	

**Backus-Naur Format (BNF):**

EAC Data to Distributor File ::= ZHD DEH {MS\_details} ZPT  
 MS\_details ::= MSD\_Set {MSD\_Set}  
 MSD\_Set ::= MSD {EAD\_Set}  
 EAD\_Set ::= EAD {EAD

**Record:**      **order on:**                      **order:**  
 Energisation Status  
 File Type  
 From Role Code

**EAC Data to Distributor Report**

P0222

001

**Backus-Naur Format (BNF):**

<b>Record:</b>	<b>order on:</b>	<b>order:</b>
	From Participant Id	
	To Role Code	
	To Participant Id	
	Creation Time	
	Record Type	
	Settlement Date	
	Record Type	
	Metering System Id	
	Record Count	
	GSP Group Id	
	Line Loss Factor Class Id	
	Profile Class Id	
	Standard Settlement Configuration Id	
	Record Type	
	Time Pattern Regime Id	
	Estimated Annual Consumption	
	EAC Default Flag	
	Record Type	
	Record Type	

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

1. There is no Ordering of MSIDs
2. Report is to be sent via CD, unless otherwise determined

**Version History:**

<b>EAC Data to Distributor Report</b>	P0222	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
30.0	P222	New flow introduced for P222 - EAC Data to Distributor report



EAC/AA File	PEEX_	001
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Source Document	Known as	From	To	Comment
EAC/AA Technical Specification	EAC/AA File	NHHDC (EAC/AA)	NHHDC	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type		PEEX_001	
	From Role Code		D	
	From Participant Id	Id of Data Collector sending file		
	To Role Code		D	
	To Participant Id	Id of Data Collector receiving file		
	Creation Time	Time of file generation		
ZPD Data File Additional Header	Record Code		ZPD	
	Settlement Date		Null	
	Settlement Code		Null	
	Run Type Code		Null	
	Run Number		Null	
	GSP Group Id		Null	
MSI	Record Code		MSI	
	Metering System Id			
	Standard Settlement Configuration Id			
	Effective From Settlement Date {EAC}			Yes
	Effective From Settlement Date {MAC}			
EAC Estimated Annual Consumption detail	Effective To Settlement Date {MAC}			
	Record Code		EAC	
	Time Pattern Regime Id			

EAC/AA File	PEEX_	001
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ZPT	Annualised Advance	Software uses Num(12,1)	
File Footer	Estimated Annual Consumption	Software uses Num(12,1)	Yes
	Record Code		ZPT
	Record count	Number of records in the file, including headers and footer.	
	Checksum		

**Backus-Naur Format (BNF):**  
EAC/AA File ::= ZHD ZPD {MSI {EAC}} ZPT

<b>EAC/AA Request File</b>	PERQ_	001
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Source Document	Known as	From	To	Comment
EAC/AA Technical Specification	EAC/AA Request File	NHHDC	NHHDC (EAC/AA)	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type		PERQ_001	
	From Role Code		D	
	From Participant Id	Id of Data Collector sending file		
	To Role Code		D	
	To Participant Id	Id of Data Collector receiving file		
	Creation Time	Time of file generation		
ZPD Data File Additional Header	Record Code		ZPD	
	Settlement Date		Null	
	Settlement Code		Null	
	Run Type Code		Null	
	Run Number		Null	
	GSP Group Id		Null	
MSI	Record Code		MSI	
	Metering System Id			
	Standard Settlement Configuration Id			
	Effective From Settlement Date {EAC}			
	Effective From Settlement Date {MAC}			
PCI Profile Class	Effective To Settlement Date {MAC}			
	Record Code		PCI	
	Profile Class Id			

<b>EAC/AA Request File</b>	PERQ_	001
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GSP	GSP Groups	Effective From Settlement Date {MSPC} Record Code	GSP
		GSP Group Id	
		Effective From Settlement Date {MSGG}	
SRD		Record Code	SRD
		Time Pattern Regime Id	
		Estimated Annual Consumption	Software uses Num(12,1)
		Meter Advance	
ZPT	File Footer	Record Code	ZPT
		Record count	Number of records in the file, including headers and footer.
		Checksum	

**Backus-Naur Format (BNF):**

EAC/AA Request File ::= ZHD ZPD {MSI {PCI} {GSP} {SRD}} ZPT

<b>Energy Breakdown (BM Unit)</b>	P0214	001
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Source Document	Known as	From	To	Comment
BSCP533	Request for additional market indicator data	SVAA	BSCCo	PARMS
PARMS	Request for additional market indicator data	SVAA	BSCCo	PARMS

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	BM Unit Id	
	Settlement Date	
	Settlement Run Type	
	GSP Group	
	Supplier Id	
	Consumption Component Class	
	MSID Count (HH)	
	Uncorrected Supplier Consumption	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
20	various	SVA June 05 Release
22	CP1127	Feb 06 Release Changes

<b>Energy Breakdown (Settlement Period and BM Unit)</b>	P0213	001
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Source Document	Known as	From	To	Comment
BSCP533	Request for additional market indicator data	SVAA	BSCCo	PARMS
PARMS	Request for additional market indicator data	SVAA	BSCCo	PARMS

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	BM Unit Id	
	Settlement Date	
	Settlement Run Type	
	GSP Group	
	Supplier Id	
	Settlement Period Id	
	CCC Corrected Supplier Consumption	
	Uncorrected Supplier Consumption	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
20	various	SVA June 05 Release
22	CP1127	Feb 06 Release Changes

Energy Settlement Mix	P0049	003
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
44.0	P339	Incremented to v003

<b>Estimation Due to High Energy Recorded</b>	P0208	001
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Source Document	Known as	From	To	Comment
BSCP603	Estimation Due to High Energy Recorded	AMHHDC	BSCCo	
	Estimation Due to High Energy Recorded	HHDC	BSCCo	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Metering Points for Investigation	Metering System Id	
	Appointment Date	
	Earliest Appointment Time	
	Latest Appointment Time	
Meter to be investigated	Meter Id (Serial Number)	
Meter Registers to be Investigated	Meter Register Id	
	Reason for Request	
	Date Fault Suspected/Detected	
	Additional Information	
Site Visit Information	Site Visit Check Code	
	Additional Information	
Supplier Details	Supplier Id	
Meter Register Details	Meter Register Id	
	Register Reading	
	Reading Date & Time	
	Reading Type	
Metering System Investigation Details	Date of issue of D0001 to Supplier	



Estimation Due to High Energy Recorded	P0208	001
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
5.1	CP774	New flow to notify BSCCo of use of estimated data
57.0	P375	Flow modified
62.0	CP1598	Flow routes modified

<b>Excessively Large AA</b>	P0191	001
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Source Document	Known as	From	To	Comment
BSCP504	Excessively Large AA	NHHDC	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Metering System ID	
	Effective From Settlement Date	
	Effective To Date	
	Large AA Details	Full description of circumstances under exception was identified

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
6	CP914	Added for consistency.

<b>GSP Group Correction Factor</b>	P0048	001
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<b>Source Document</b> Pool Application Functional Spec	<b>Known as</b> GSP Group Correction Factor	<b>From</b> SVAA	<b>To</b> BSCCo	<b>Comment</b>
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>GSP Group Market Matrix Report</b>	P0277	001
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Source Document	Known as	From	To	Comment
BSCP508	GSP Group Market Matrix Report	SVAA	BSCCo	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type			
	From Role Code	G		
	From Participant Id	Id of SVAA		
	To Role Code	Z		
	To Participant Id	Id of BSCCo		
	Creation Time			
ZPD Data File Additional Header	Record Code		ZPD	
	Settlement Date			
	Settlement Code			
	Run Type Code			
	Run Number			
	GSP Group Id		Null	
RDT Report Parameters	Record Code		RDT	
	User Name			
	Report Parameters			
HDR Report Data	Record Code		HDR	
	Settlement Date			
	Settlement Code			
	Settlement Code Description			
	SSR Run Date			

<b>GSP Group Market Matrix Report</b>	P0277	001
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GSP	GSP Group	SSR Run Number SSR Run Type Id Record Code GSP Group Id GSP Group Name	GSP
CON	Consumption Data	Record Code Profile Class Id Standard Settlement Configuration Id Line Loss Factor Class Id Distributor Id Time Pattern Regime SPM Total EAC Report Value SPM Total EAC MSID Count SPM Total Annualised Advance Report Value SPM Total AA MSID Count SPM Total Unmetered Consumption Report Value SPM Total Unmetered MSID Count SPM Default EAC MSID Count SPM Default Unmetered MSID Count	CON
ZPT	File Footer	Record Code Record Count Checksum	ZPT

**Backus-Naur Format (BNF):**

GSP Group Market Matrix Report ::= ZHD ZPD RDT HDR {GSP {CON}} ZPT

**Version History:**

Catalogue release	Mod/CP No.	Brief description of the change and its reason
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<b>GSP Group Market Matrix Report</b>	P0277	001
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change takes effect		
42.0	P315	Flow created
43.0	P315	Correction to flow structure

<b>GSP Group Profile Class Default EAC</b>	P0223	001
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Source Document	Known as	From	To	Comment
BSCP505	GSP Group Profile Class Default EAC	SVAA	NHHDA	
BSCP508	GSP Group Profile Class Default EAC	SVAA	NHHDA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not defined	GSP Group Profile Class Default EAC	
	GSP Group Id	
	GSP Group Name	
	Profile Class Id	
	Effective From Settlement Date {GGPCDE}	
	Effective To Settlement Date {GGPCDE}	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
32.0	CP1295	Updated for February 2010 Release

<b>GSP Group Profile Class Tolerances</b>	P0190	001
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Source Document	Known as	From	To	Comment
BSCP504	GSP Group Profile Class Tolerances	MDDM	Supplier	
BSCP508	GSP Group Profile Class Tolerances	MDDM	NHHDC	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Profile Class Id	
	GSP Group Id	
	Lower Limit Tolerance	Integer(7)
	Upper Limit Tolerance	Integer(7)



<b>GSP Group Take Data File</b>	P0012	001
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Source Document	Known as	From	To	Comment
BSCP508	GSP Group Take Data File	CDCA	SVAA	
Data Interface Spec between Stage 2 and the NETA	GSP Group Take Data File	CDCA	SVAA	
NETA IDD Part2	GSP Group Take to SVAA	CDCA	SVAA	
SVAA Technical Specification	GSP Group Take Data File	CDCA	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	CDCS Extract Number	
	Daily GSP Group Purchases	
	GSP Group Id	
	GSP Group Take	
	Period GSP Group Purchases	
	Run Number	
	Run Type Code	
	Settlement Date	
	Settlement Period Id	
	SAA Settlement Run Type Id	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Type		P0012001	
	From Role Code		S	

<b>GSP Group Take Data File</b>	<b>P0012</b>	<b>001</b>
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		From Participant Id	Id of CDCA/Settlements System Administrator originating file	
		To Role Code		G
		To Participant Id	Id of SVA/ISR Agent receiving file	
		Creation Time	Time of file generation in GMT	
ZPD	Data File Additional Header	Record Type		ZPD
		SAA Settlement Date	This will be replaced by the Data Item CDCA Settlement Date post-NETA.	
		Settlement Code		Null
		Run Type Code		E
		SAA Settlement Run Number	This will be replaced by the Data Item CDCA Set Number post-NETA.	
		GSP Group Id		
HDR	GSP Group Take File Header/Daily GSP Group Purchases	Record Type		HDR
		CDCS Extract Number	Not used post NETA. This will be replaced by CDCA Extract Number and will be set to zero.	
		SAA Settlement Run Type Id	Not used post NETA, and will be set to N.	
		Daily GSP Group Purchases	Not used post NETA, and will be set to 0.	
GSP	GSP Group Take	Record Type	GSP Records are a pre-NETA requirement.	GSP
		Settlement Period Id		
		Period GSP Group Purchases	Not used post-NETA, and will be set to zero.	
		GSP Group Take		
GS2	GSP Group Take 2	Record Type	GS2 Records for Post NETA dates only.	GS2
		Settlement Period Id		
		Filler		0
		GSP Group Take		
ZPT	File Footer	Record Type		ZPT
		Record count	Number of records in the file, including headers and footer.	

**GSP Group Take Data File**

P0012

001

Checksum

**Backus-Naur Format (BNF):**

GSP Group Take Data File ::= ZHD ZPD HDR ((GSP){GS2}) ZPT

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
GS2	Settlement Period Id	Ascending
GSP	Settlement Period Id	Ascending

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

1. For post-NETA days the P0012 flow will be received from CDCA.
2. For pre- NETA days the P0012 flow will be received from SAA.
3. Under NETA the HDR group is no longer needed. The decision to leave the group in place was taken so as to minimise changes to SVAA at that time.
4. The GS2 record is only used in flows sent by the CDCA.
5. Each "set" of P0012 files sent by the CDCA is identified by a unique Settlement Date, CDCA Set Number and CDCA Extract Number (always zero)
6. A complete set of P0012 files sent by the CDCA (1 per GSP Group) is required for each Volume Allocation and Reconciliation Volume Allocation Run.
7. The set of P0012 files received from the CDCA for each Volume Allocation and Reconciliation Volume Allocation Run should all have the same CDCA Set number.
8. The GSP Group Take Data File is output in ascending order by Settlement Period Id.

<b>Half Hourly Default EAC</b>	P0186	001
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Source Document	Known as	From	To	Comment
BSCP502	Half Hourly Default EAC	MDDM	HHDC	
BSCP503	Half Hourly Default EAC	MDDM	HHDA	
BSCP508	Half Hourly Default EAC	MDDM	HHDA	
	Half Hourly Default EAC	MDDM	HHDC	
	Half Hourly Default EAC	MDDM	LDSO	
	Half Hourly Default EAC	MDDM	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not defined	Measurement Class Id	
	HH Default EAC	
	Effective from Settlement Date	
	Effective to Settlement Date	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
5.1	CP696	Allow HHDA to apply a default EAC
40.0	CP1432	Added Measurement Class Id

<b>HH Unmetered Supply Certificate</b>	P0170	001
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Source Document	Known as	From	To	Comment
BSCP520	HH Unmetered Supply Certificate	Supplier	UMSO	
	HH Unmetered Supply Certificate	UMSO	Customer	
	HH Unmetered Supply Certificate	UMSO	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Certificate	LDSO Id	
	Address Line 1	LDSO Address
	Address Line 2	LDSO Address
	Address Line 3	LDSO Address
	Contact Name (UMS Arrangements)	
	Address Line 1	UMSO Address (where different to LDSO address)
	Address Line 2	UMSO Address (where different to LDSO address)
	Address Line 3	UMSO Address (where different to LDSO address)
	UMSO Phone Number	
	UMSO Fax Number	
	UMS Certificate Type	
	UMS Certificate Issue Date	
	UMS Certificate Effective From Date	
	Customer Name	
	Address Line 1	Customer Address
	Address Line 2	Customer Address
	Address Line 3	Customer Address

<b>HH Unmetered Supply Certificate</b>	P0170	001
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- Postcode
- Inventory Name & Reference
- UMS Category
- Metering System Id
- Profile Class Id
- Meter/Timeswitch Class Id
- Line Loss Factor Class Id

**Notes:**

This flow is specific to Unmetered Supplies.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.3	CP690	UMS (Unmetered Supplier) Clarifications and Improvements
22	CP1127	Feb 06 Release Changes
24.0	CP1155	Changes to UMS-related P-flows

<b>Invalid Data</b>	P0035	001
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Source Document	Known as	From	To	Comment
BSCP502	Invalid Data	HHDC	MDDM	
	Invalid Data	SVAA	HHDC	
BSCP503	Invalid Data	HHDA	MDDM	
	Invalid Data	HHDA	SMRA	
	Invalid Data	HHDA	Supplier	
	Invalid Data	SVAA	HHDA	
BSCP504	Invalid Data	NHHDC	MDDM	
	Invalid Data	NHHDC	NHHDA	
BSCP505	Invalid Data	NHHDA	SMRA	
	Invalid Data	NHHDA	SVAA	
	Invalid Data	SVAA	NHHDA	
BSCP507	Invalid Data	CRA	SVAA	
	Invalid Data	SVAA	Supplier	
BSCP508	Invalid Data	BSC Panel	BSC Service Desk	
	Invalid Data	FAA	BSC Service Desk	
	Invalid Data	HHDA	BSC Service Desk	
	Invalid Data	HHDC	BSC Service Desk	
	Invalid Data	HHMO	BSC Service Desk	
	Invalid Data	LDSO	BSC Service Desk	
	Invalid MDD	MDDM	BSCCo	
	Invalid Data	NETSO	BSC Service Desk	
	Invalid Data	NHHDA	BSC Service Desk	
	Invalid Data	NHHDC	BSC Service Desk	
	Invalid Data	NHHMO	BSC Service Desk	
	Invalid Data	SAA	BSC Service Desk	
	Invalid Data	SMRS	BSC Service Desk	
	Invalid Data	Supplier	BSC Service Desk	

<b>Invalid Data</b>	P0035	001
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	Invalid Data	SVAA	BSC Service Desk
	Invalid Data	SVAA	BSCCo
	Invalid Data	SVAA	HHDA
	Invalid Data	SVAA	HHDC
	Invalid Data	SVAA	NHHDA
	Invalid Data	SVAA	Sunset Provider
	Invalid Data	SVAA	Teleswitch Agent
	Invalid Data	SVAA	Temperature Provider
	Invalid Data	The Authority	BSC Service Desk
BSCP520	Invalid Data	UMSO	SVAA

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	To Participant Id	
	From Participant Id	
	Settlement Date	
	Type of Error	
	Validation Error	
GSP	GSP Group Id	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
24.0	CP1155	Changes to UMS-related P-flows



<b>Invalid Data</b>	P0035	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
46.0	CP1484	Added flow instances between SVAA and NHHDA/HHDA
50.0	P369	Transmission Company changed name to NETSO
58.0	P436	Modified BSCP514 flow routes

<b>Invalid Meter Reading / AA / EAC</b>	P0192	001
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Source Document	Known as	From	To	Comment
BSCP504	P0192 Invalid Meter Reading / AA / EAC P0192 Invalid Meter Reading / AA / EAC	MOA Supplier	NHHDC NHHDC	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Metering System ID	
	Effective From Date	
	Effective To Date	
	Large AA Details	Full description of circumstances under exception was identified
	Large AA Status	Response from supplier showing large AA value status e.g. Accept / Reject
	Additional Information	Notification of how to resolve rejected AA using D0052 or D0010

<b>Invalid Metering System Data</b>	P0311	001
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Source Document	Known as	From	To	Comment
BSCP503	Invalid Metering System Data	SVAA	HHDA	
BSCP508	Invalid Metering System Data	SVAA	AMVLP	
	Invalid Metering System Data	SVAA	HHDC	
	Invalid Metering System Data	SVAA	NHHDC	
	Invalid Metering System Data	SVAA	Supplier	
BSCP603	Invalid Metering System Data	SVAA	AMVLP	
	Invalid Metering System Data	SVAA	AMVLP	
	Invalid Metering System Data	SVAA	HHDC	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Period Id	
	Run Type Code	Omit for HHDC
	GSP Group Id	Omit for HHDC
	Metering System Id	MSID for invalid data in a D0385 and AMSID for invalid data in a Dxxxx
	Reason	

**Notes:**

Sent to the HHDC and AMVLP where invalid data has been included in a D0390.

Sent to the HHDA where invalid data has been included in a D0385.

**Version History:**

Catalogue release	Mod/CP No.	Brief description of the change and its reason

<b>Invalid Metering System Data</b>	P0311	001
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change takes effect		
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603
62.0	CP1598	Flow routes modified

<b>Issue Registration Report</b>	P0195	001
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Source Document	Known as	From	To	Comment
BSCP507	Registration Report	CRA	SVAA	3.3.4
NETA IDD Part1	Registration Report	CRA	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Registration Details	Requesting Registrant	Normally contains Id of registrant except when in response to CRA-I003 when it contains Id of Part Agent being registered
	Registration Type	Party, Party Agent, Service Agent, BM Unit etc.
	Registration Status	Success, Failure, Pending
	Additional Details	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
AAA    AAA Header	Record Type			
	File Type			
	Message Role			
	Creation Time			
	From Role Code			
	From Participant Id			
	To Role Code			
	To Participant Id			
	Sequence Number			
	Test Data Flag			
RRH    Registration Report Header	Record Type		RRH	
	Requesting Registrant			

<b>Issue Registration Report</b>	P0195	001
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BP1	BSC Service Agent Details	Registration Type		
		Record Type	BP1	
		Action Description		Yes
		Registration Status		
SR4	Service Agent Role Details	Agent Name		
		Agent Id		
		Record Type	SR4	
		Agent Type		
SA1	Role Address Details	Registration Effective From Date		
		Registration Effective To Date		Yes
		Record Type	SA1	
		Address Line 1		
		Address Line 2		Yes
		Address Line 3		Yes
		Address Line 4		Yes
		Address Line 5		Yes
		Address Line 6		Yes
		Address Line 7		Yes
		Address Line 8		Yes
		Address Line 9		Yes
		Postcode		Yes
		Telephone No		Yes
ZZZ	ZZZ Footer	Fax No		Yes
		E-Mail Address		Yes
		Record Type	ZZZ	
		Record Count		
		Checksum		

Issue Registration Report

P0195

001

<b>Lack of MDD Receipt Confirmation</b>	P0037	001
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Source Document	Known as	From	To	Comment
BSCP508	Lack of MDD Receipt Confirmation	MDDM	BSC Service Desk	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Expected Time of Confirmation	
	Market Participant Id	
	MDD Version Number	



<b>Loss of AMSID Pair Allocation Notification</b>	P0320	001
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Source Document	Known as	From	To	Comment
BSCP602	Loss of AMSID Pair Allocation Notification	SVAA	AMVLP	Sent to the AMVLP that had the AMSID Pair allocated to its Secondary BM Unit prior to an AMSID Pair Reallocation.
BSCP603	Loss of AMSID Pair Allocation Notification Loss of AMSID Pair Allocation Notification	SVAA SVAA	AMVLP Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit Id	
	Import AMSID	
	Export AMSID	
	AMSID Pair Differencint Indicator	
	AMSID Pair in Secondary BM Unit EFD	For the Losing AMVP's Secondary BM Unit
	AMSID Pair in Secondary BM Unit ETD	For the Losing AMVP's Secondary BM Unit

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

<b>Loss of MSID Pair Allocation</b>	P0281	001
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Source Document	Known as	From	To	Comment
BSCP602	Loss of MSID Pair Allocation	SVAA	Supplier	
	Loss of MSID Pair Allocation	SVAA	VLP	
	Loss of MSID Pair Allocation	SVAA	VTP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	MSID Pair Id	
	BM Unit Id	
	GSP Group Id	
	Effective From Settlement Date {MSIDP}	
	Effective To Settlement Date {MSIDP}	
	Import MSID	
	Import MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ICCF}	
	Effective To Settlement Date {ICCF}	
	Export MSID	
	Export MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ECCF}	
	Effective To Settlement Date {ECCF}	
	MSID Pair Rejection Reason	Applicable to P0280
Delete Flag	Applicable to P0278	

**Physical File Specification:**

<b>Loss of MSID Pair Allocation</b>	P0281	001
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Record	Field Name	Comment	Value	Opt
	MSID Pair Id			Yes
	BM Unit Id			
	GSP Group Id			
	Effective From Settlement Date {MSIDP}			
	Effective To Settlement Date {MSIDP}			
	Import MSID			
	Import MSID Customer Consent Flag			
	Effective From Settlement Date {ICCF}			
	Effective To Settlement Date {ICCF}			
	Export MSID			Yes
	Export MSID Customer Consent Flag			Yes
	Effective From Settlement Date {ECCF}			Yes
	Effective To Settlement Date {ECCF}			Yes
	MSID Pair Rejection Reason			
	Delete Flag			

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added
62.0	P415	Added instance for VTP

<b>Mapping Data for HH Aggregated Metering Systems</b>	P0239	001
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Source Document	Known as	From	To	Comment
BSCP507	Mapping Data for HH Aggregated Metering System	LDSO	SVAA	
BSCP508	Mapping Data for HH Aggregated Metering System	LDSO	SVAA	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type			
	From Role Code	R		
	From Participant Id	Id of LDSO		
	To Role Code	G		
	To Participant Id	Id of SVAA		
	Creation Time			
LLF LLF/SSC Mapping	Record Code		LLF	
	Distributor Id			
	Line Loss Factor Class Id			
	Standard Settlement Configuration Id			
SSC Standard Settlement Configuration	Effective From Settlement Date {LLFSSC}			
	Record Code		SSC	
	Standard Settlement Configuration Id			
	Standard Settlement Configuration Description			
	Effective From Settlement Date {SSC}			
TPR Measurement Requirement	Effective To Settlement Date {SSC}			
	Standard Settlement Configuration Type			
	Record Code		TPR	
	Time Pattern Regime Id			

<b>Mapping Data for HH Aggregated Metering Systems</b>	P0239	001
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CKI	Clock Intervals	Record Code	CKI
		Day of the Week Id	
		Start Day	
		Start Month	
		End Day	
		End Month	
		Start Time	
		End Time	
ZPT	File Footer	Record Code	ZPT
		Record Count	
		Checksum	

**Backus-Naur Format (BNF):**

LLFC Mapping ::= LLF SSC {TPR {CKI}}

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
40.0	P300	Flow created as part of Nov 15 Release
44.0	P300	Correction to include SSC Id in LLF Group and SSC Type in SSC Group

<b>MDD Matrix Changes</b>	P0184	001
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Source Document	Known as	From	To	Comment
BSCP508	MDD Matrix Changes	MDD Recipient	BSC Service Desk	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Market Participant Role Code	Role as which the participant wishes to receive the MDD flows specified.
	Effective Date of Change	
	File Type	MDD Flow Type
	Additional Information	any other instructions, such as whether to include profile coefficients or not

<b>Metering Non-Compliance Notification</b>	P0318	001
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Source Document	Known as	From	To	Comment
BSCP603	Metering Non-Compliance Notification	AMMOA	AMVLP	
	Metering Non-Compliance Notification	AMMOA	Supplier	
	Metering Non-Compliance Notification	AMMOA	Supplier	
	Metering Non-Compliance Notification	MOA	AMVLP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	AMSID	
	Effective From Settlement Date	
	Meter COP	
	Meter COP Issue Number	
	Complex Site Indicator	
	Meter Equipment/Service Location	
	Asset Voltage	
	Number of Phases	
	Event Indicator	
	Additional Information	
	Outstation Id	
	Meter Id (Serial Number)	
	Meter Register Id	
	Outstation Id	
Non-Compliance Details		

<b>Metering Non-Compliance Notification</b>	P0318	001
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603



<b>Missing Data</b>	P0034	001
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Source Document	Known as	From	To	Comment
BSCP502	Missing Data	SVAA	HHDC	
BSCP508	Missing Data	SVAA	CDCA	
	Missing Data	SVAA	HHDA	
	Missing Data	SVAA	HHDC	
	Missing Data	SVAA	NHHDA	
	Missing Data	SVAA	Sunset Provider	
	Missing Data	SVAA	Teleswitch Agent	
	Missing Data	SVAA	Temperature Provider	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Type Expected	
	To Participant Id	
	From Participant Id	
	Settlement Date	

<b>Missing Metering System Data</b>	P0310	001
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Source Document	Known as	From	To	Comment
BSCP503	Missing Metering System Data	SVAA	HHDA	
BSCP508	Missing Metering System Data	SVAA	AMVLP	
	Missing Metering System Data	SVAA	HHDC	
	Missing Metering System Data	SVAA	NHHDC	
	Missing Metering System Data	SVAA	Supplier	
BSCP603	Missing Metering System Data	SVAA	AMVLP	
	Missing Metering System Data	SVAA	HHDC	
	Missing Metering System Data	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Period Id	
	Run Type Code	Omit for HHDC
	GSP Group Id	Omit for HHDC
	Metering System Id	MSID for a missing D0385 and AMSID for a missing Dxxxx
	Reason	

**Notes:**

Sent to the HHDC and AMVLP where a D0390 containing Actual Data has not been received.

Sent to the HHDA where a D0385 has not been received.

**Version History:**

Catalogue release	Mod/CP No.	Brief description of the change and its reason
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<b>Missing Metering System Data</b>	P0310	001
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change takes effect		
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603
62.0	CP1598	Flow routes modified

<b>MSID Pair Allocation</b>	P0278	001
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Source Document	Known as	From	To	Comment
BSCP602	MSID Pair Allocation	Supplier	SVAA	
	MSID Pair Allocation	VLP	SVAA	
	MSID Pair Allocation	VTP	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	MSID Pair Id	
	BM Unit Id	
	GSP Group Id	
	Effective From Settlement Date {MSIDP}	
	Effective To Settlement Date {MSIDP}	
	Import MSID	
	Import MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ICCF}	
	Effective To Settlement Date {ICCF}	
	Export MSID	
	Export MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ECCF}	
	Effective To Settlement Date {ECCF}	
	MSID Pair Rejection Reason	Applicable to P0280
	Delete Flag	

**Physical File Specification:**

<b>MSID Pair Allocation</b>	P0278	001
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Record	Field Name	Comment	Value	Opt
	MSID Pair Id			Yes
	BM Unit Id			
	GSP Group Id			
	Effective From Settlement Date {MSIDP}			
	Effective To Settlement Date {MSIDP}			
	Import MSID			
	Import MSID Customer Consent Flag			
	Effective From Settlement Date {ICCF}			
	Effective To Settlement Date {ICCF}			
	Export MISID			Yes
	Export MSID Customer Consent Flag			Yes
	Effective From Settlement Date {ECCF}			Yes
	Effective To Settlement Date {ECCF}			Yes
	MSID Pair Rejection Reason			
	Delete Flag			

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added
62.0	P415	Added instance for VTP

<b>MSIDs affected by Demand Control Event</b>	P0238	001
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Source Document	Known as	From	To	Comment
BSCP502	MSIDs affected by Demand Control Event	BSCCo	HHDA	
	MSIDs affected by Demand Control Event	BSCCo	HHDC	
	MSIDs affected by Demand Control Event	BSCCo	SVAA	
	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP503	MSIDs affected by Demand Control Event	BSCCo	HHDA	
	MSIDs affected by Demand Control Event	BSCCo	HHDC	
	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP504	MSIDs affected by Demand Control Event	BSCCo	NHHDA	
	MSIDs affected by Demand Control Event	BSCCo	NHHDC	
	MSIDs affected by Demand Control Event	BSCCo	SVAA	
	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP505	MSIDs affected by Demand Control Event	BSCCo	NHHDA	
	MSIDs affected by Demand Control Event	BSCCo	NHHDC	
	MSIDs affected by Demand Control Event	BSCCo	SVAA	
	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP508	MSIDs affected by Demand Control Event	LDSO	SVAA	
BSCP515	MSIDs affected by Demand Control Event	BSCCo	HHDA	
	MSIDs affected by Demand Control Event	BSCCo	HHDC	
	MSIDs affected by Demand Control Event	BSCCo	NHHDA	
	MSIDs affected by Demand Control Event	BSCCo	NHHDC	
	MSIDs affected by Demand Control Event	BSCCo	SVAA	
	MSIDs affected by Demand Control Event	LDSO	BSCCo	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
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<b>MSIDs affected by Demand Control Event</b>	P0238	001
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ZHD	File Header	Record Code	ZHD
		File Type	
		From Role Code	R
		From Participant Id	Id of LDSO
		To Role Code	G
		To Participant Id	Id of SVAA
		Creation Time	
DCE	Demand Control Event Details	Record Code	DCE
		Demand Control Event Id	
		Start Date and Time	
		End Date and Time	
PCD	Profile Class	Record Code	PCD
		Profile Class Id	
MSD	Metering Systems	Record Code	MSD
		Metering System Id	
ZPT	File Footer	Record Code	ZPT
		Record Count	
		Checksum	

**Backus-Naur Format (BNF):**

MSIDs affected by Demand Control Event ::= DCE {PCD {MSD}}

**Notes:**

The P0238 contains details of all MSIDs disconnected by the LDSO, i.e. for a single Demand Control Event, a single P0238 is sent by the LDSO, ultimately, to all DCs and DAs.

Whilst the P0238 is sent by the LDSO to the BSCCo, it should be generated as though it is to be sent direct to Party Agents, i.e. the 'MPID To' in the header should reflect the various agents that are intended to receive the file.

The 'Start Date and Time' and 'End Date and Time' in the P0238 reflect the start and end of the entire Demand Control Event, not intermediary stages or actions within an event. Therefore, the LDSO should report all MSIDs affected by the same event once between the Start and End Date and Time that represent the beginning and end of the whole event,

<b>MSIDs affected by Demand Control Event</b>	P0238	001
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**Notes:**

irrespective of whether the LDSO disconnects and reconnects MSIDs multiple times within the same event.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
40.0	P305	Flow created as part of Nov 15 Release



<b>NHH BM Unit Allocation</b>	P0185	001
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Source Document	Known as	From	To	Comment
BSCP507	NHH BM Unit Allocation	Supplier	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	BM Unit Id	
	Effective from Settlement Date {BMUIGG}	
	Effective from Settlement Date {NHHBMUA}	
	Profile Class Id	
	Standard Settlement Configuration Id	
	Effective to Settlement Date {NHHBMUA}	
	Supplier Id	
	GSP Group Id	
	NHH BM Unit Allocation Representative Name	
	Reference Number	
Date and Time Received		

**NHH Unmetered Supply Certificate**

P0207

001

Source Document	Known as	From	To	Comment
BSCP520	NHH Unmetered Supply Certificate NHH Unmetered Supply Certificate	UMSO UMSO	Customer Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Cert	LDSO Id	
	Address Line 1	LDSO Address
	Address Line 2	LDSO Address
	Address Line 3	LDSO Address
	Postcode	
	Contact Name (UMS Arrangements)	
	Address Line 1	UMSO Address (where different to LDSO address)
	Address Line 2	UMSO Address (where different to LDSO address)
	Address Line 3	UMSO Address (where different to LDSO address)
	Postcode	
	UMSO Phone Number	
	UMSO Fax Number	
	UMS Certificate Type	
	UMS Certificate Issue Date	
	UMS Certificate Effective From Date	
	Customer Name	
	Address Line 1	Customer Address
Address Line 2	Customer Address	

<b>NHH Unmetered Supply Certificate</b>	P0207	001
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Meter Sys	Address Line 3	Customer Address
	Postcode	
	Inventory Name & Reference	
	UMS Category	
	Metering System Id	
	Profile Class Id	
	Meter/Timeswitch Class Id	
	Line Loss Factor Class Id	
	Estimated Annual Consumption	

**Notes:**

This flow is specific to Unmetered Supplies.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.3	CP690	UMS (Unmetered Supplier) Clarifications and Improvements
14	CP1003	Correction of use of 'Host LDS Name'
24.0	CP1155	Changes to UMS-related P-flows

<b>Notification of AMHHDC</b>	P0314	001
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Source Document	Known as	From	To	Comment
BSCP603	Notification of AMHHDC	AMVLP	AMHHDC	
	Notification of AMHHDC	AMVLP	AMHHDC	
	Notification of AMHHDC	AMVLP	AMMOA	
	Notification of AMHHDC	AMVLP	AMMOA	
	Notification of AMHHDC	AMVLP	HHDC	
	Notification of AMHHDC	AMVLP	HHDC	
	Notification of AMHHDC	AMVLP	MOA	
	Notification of AMHHDC	AMVLP	MOA	
	Notification of AMHHDC	Supplier	AMHHDC	
	Notification of AMHHDC	Supplier	AMHHDC	
	Notification of AMHHDC	Supplier	AMMOA	
	Notification of AMHHDC	Supplier	AMMOA	
	Notification of AMHHDC	Supplier	HHDC	
	Notification of AMHHDC	Supplier	HHDC	
	Notification of AMHHDC	Supplier	MOA	
	Notification of AMHHDC	Supplier	MOA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	AMSID	
	Effective From Settlement Date	For AMSID
	Metering Point Address Line 1	
	Metering Point Address Line 2	
	Metering Point Address Line 3	
	Metering Point Address Line 4	

<b>Notification of AMHDC</b>	P0314	001
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- Metering Point Address Line 5
- Metering Point Address Line 6
- Metering Point Address Line 7
- Metering Point Address Line 8
- Metering Point Address Line 9
- Metering Point Postcode
- AMHDC Id
- AMHDC Effective From Date For AMHDC
- Contract Reference
- Retrieval Method
- GSP Group Id
- Regular Reading Cycle
- Required First Scheduled Read Date
- Effective From Date
- Effective To Date
- Service Reference
- Service Level Reference

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Notification of AMHHDC</b>	P0314	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	CP1598	Flow routes modified

<b>Notification of Incorrect Register Mapping</b>	P0216	001
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Source Document	Known as	From	To	Comment
BSCP504	Notification of Incorrect Register Mapping Notification of Incorrect Register Mapping	NHHDC Supplier	Supplier NHHDC	TBC

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Reason for sending notification of incorrect register mapping	a) NHHDC informs Supplier of incorrect register Mapping; or b) Supplier instructs NHHDC to correct incorrect register mapping; or c) NHHDC notifies Supplier that a suitable Meter readings are unavailable to correct the incorrect register mapping.
	Metering System Id	
	Meter Id (Serial Number)	
Incorrect Meter Register Ids	Meter Register Id	
Meter Register Ids to be Corrected	Meter Register Id	
	Additional Information	

**Notes:**

If the flow is being sent for reason a), the NHHDC shall highlight all affected registers in the 'Incorrect Meter Register Ids'.

If the flow is being sent for reason b), the Supplier shall indicate only those registers to be corrected in 'Meter Register Ids to be corrected' or in 'additional information'.

If the flow is sent for reason c), all registers for which a reading is unavailable should be indicated in 'additional information'.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
20	various	SVA June 05 Release

**Notification of Incorrect Register Mapping**

P0216

001



<b>Notification of Long Term Vacant Site</b>	P0221	001
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Source Document	Known as	From	To	Comment
BSCP504	Notification of Long Term Vacant Site	Supplier	LDSO	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Metering System Id	
	Effective From Settlement Date (EAC)	
	Additional Information	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
24	P196	Notification of Long Term Vacant Sites

<b>Notification of Pending Work</b>	P0027	001
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Source Document	Known as	From	To	Comment
BSCP504	Notification of Pending Work	Supplier	NHHDC	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Collector Id	NHHDC Id, as appropriate
	LDSO Id	as appropriate
	Meter Operator Id	NHHMO Id
	Metering System Id	
	Proposed Action to be Taken	
	Supplier Id	
	Visit Date	

<b>Notification of use of AMSID Pair by another AMVLP</b>	P0309	001
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Source Document	Known as	From	To	Comment
BSCP602	Notification of use of AMSID Pair by another AMVL	SVAA	AMVLP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	
	AMSID Pair in Secondary BM Unit EFD	If sent to the Registrant AMVLP, this is the date for the inclusion of the AMSID Pair in the non-Registrant AMVP's Secondary BM Unit
	AMSID Pair in Secondary BM Unit ETD	If sent to the Registrant AMVLP, this is the date for the removal from the non-Registrant AMVP's Secondary BM Unit. If sent to the non-Registrant AMVLP, this is the date for the removal from the Registrant AMVP's Secondary BM Unit.

**Notes:**

Sent to the registrant AMVLP of an AMSID Pair to notify them that another AMVLP is also using it for the opposite purpose, or has stopped using it.

Also sent to non-registrant AMVLP to inform them that the Registrant AMVLP has stopped using an AMSID Pair.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Notification that Reports Delayed</b>	P0039	001
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Source Document	Known as	From	To	Comment
	Notification that Reports Delayed	SVAA	FAA	
	Notification that Reports Delayed	SVAA	LDSO	
	Notification that Reports Delayed	SVAA	NETSO	
	Notification that Reports Delayed	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Notification of Reason for Delay and Anticipated Time of Sending Report To Participant Id From Participant Id Settlement Date	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
50.0	P369	Transmission Company changed name to NETSO

<b>Operations Registration Report</b>	P0193	001
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Source Document	Known as	From	To	Comment
NETA IDD Part 2	Operations Registration Report	CRA	BSCCo	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Proportion of Losses	Proportion of Losses	
	Effective From Date {POL}	
Trading Unit Registration details	Trading Unit Name	
BM Unit Registration details	BM Unit Id	
	BM Unit Type	
	Lead Party Id	
	NGC BM Unit Name	
	BM Unit Name	
	GSP Group Id	
	GSP Group Name	
	Trading Unit Name	
	Generation Capacity	
	Demand Capacity	
	Production/Consumption Flag	
	Transmission Loss Factor	
	FPN Flag	
	Interconnector Id	
Effective From Date {BMUR}		

<b>Operations Registration Report</b>	P0193	001
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BM Unit group details	Effective To Date {BMUR}
	Joint BM Unit Id
	Effective From Date {BMUR}
	Effective To Date {BMUR}
BM Unit group member	BM Unit Id
Interconnector Registration details	Interconnector Id
	Interconnector Administrator Id
	Interconnector Error Administrator Id
	Effective From Date {IRD}
	Effective To Date {IRD}

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
AAA    AAA Header	Record Type		AAA	
	File Type			
	Message Role		D or R	
	Creation Time	Date/Time file was created. Specified in GMT		
	From Role Code			
	From Participant Id			
	To Role Code			
	To Participant Id			
	Sequence Number	A separate sequence number is used for each From Role Code / From Participant / To Role Code / To Participant ID combination		
		Test Data Flag		
POL    Proportion of Losses	Record Type		POL	

<b>Operations Registration Report</b>	P0193	001
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TU2	Trading Unit Registration	Proportion of Losses Effective From Date {POL}			
		Record Type		TU2	
BR3	BM Unit Registration	Trading Unit Name			
		Record Type		BR3	
		BM Unit Id			
		BM Unit Type			Yes
		Lead Party Id			Yes
		NGC BM Unit Name			Yes
		BM Unit Name			
		GSP Group Id	If BM Unit Type is 'G' or 'S'		Yes
		GSP Group Name	If BM Unit Type is 'G' or 'S'		Yes
		Trading Unit Name			Yes
		Generation Capacity	mw		Yes
		Demand Capacity	mw		Yes
		Production/Consumption Flag			Yes
		Transmission Loss Factor			Yes
		FPN Flag			Yes
		Interconnector Id	If BM Unit Type is 'I'		Yes
		Effective From Date {BMUR}			
		Effective To Date {BMUR}			Yes
JBU	BM Unit Group Details	Record Type		JBU	
		Joint BM Unit Id			
		Effective From Date {BMUR}			
		Effective To Date {BMUR}			Yes
JBB	BM Unit Group Member	Record Type		JBB	
		BM Unit Id			
IRD	Interconnector Registration Details	Record Type		IRD	
		Interconnector Id			

<b>Operations Registration Report</b>	P0193	001
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Interconnector Administrator Id  
 Interconnector Error Administrator Id  
 Effective From Date {IRD}  
 Effective To Date {IRD} Yes  
 ZZZ ZZZ Footer Record Type ZZZ  
 Record Count  
 Checksum

**Backus-Naur Format (BNF):**

Operations Registration Report ::= AAA [POL] {TU2} {BR3} {JBU\_Group} {IRD} ZZZ  
 JBU\_Group ::= JBU {JBB}

**Notes:**

Only BM Unit data is used by Stage 2 (MDDC/CCC) to validate BM Unit registration information.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes



<b>PARMS Market Domain Data</b>	P0136	001
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Source Document	Known as	From	To	Comment
BSCP533	PARMS Market Domain Data	SVAA	PA Administrator	

<b>Profile Data File</b>	P0015	001
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Source Document	Known as	From	To	Comment
BSCP508	Profile Data File	MDDM	SVAA	
SVAA Technical Specification	Profile Data File	MDDM	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Effective From Settlement Date	
	Effective To Settlement Date	
	Profile Class Description	
	Profile Class Id	
	Profile Description	
	Profile Id	
	Profile Settlement Periods	
	Switched Load Profile Class Ind	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Type	P0015001		
	From Role Code		U	
	From Participant Id	Id of Market Domain Data Agent originating file		
	To Role Code		G	
	To Participant Id	Id of SVA Agent receiving file		
	Creation Time	Time of file generation		
PFC Profile Class	Record Type		PFC	

<b>Profile Data File</b>	P0015	001
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		Profile Class Id	
		Profile Class Description	
		Switched Load Profile Class Ind	
PFL	Profile Details	Record Type	PFL
		Profile Class Id	
		Profile Id	
		Profile Description	
		Profile Settlement Periods	
		Effective From Settlement Date	
		Effective To Settlement Date	
ZPT	File Footer	Record Type	ZPT
		Record count	Number of records in the file, including headers and footer.
		Checksum	

**Backus-Naur Format (BNF):**

Profile Data File ::= ZHD {PFC} {PFL} ZPT

**Provision of Site Technical Details**

P0315

001

Source Document	Known as	From	To	Comment
BSCP603	Provision of Site Technical Details	AMVLP	AMMOA	
	Provision of Site Technical Details	AMVLP	AMMOA	
	Provision of Site Technical Details	AMVLP	MOA	
	Provision of Site Technical Details	AMVLP	MOA	
	Provision of Site Technical Details	Supplier	AMMOA	
	Provision of Site Technical Details	Supplier	AMMOA	
	Provision of Site Technical Details	Supplier	MOA	
	Provision of Site Technical Details	Supplier	MOA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	AMSID	
	Asset Voltage	
	Asset Capacity	
	Number of Phases	
	CT Ratio	
	CT Class	
	CT Rating	
	VT Ratio	
	VT Class	
	VT Rating	
	Meter Equipment/Service Location	

<b>Provision of Site Technical Details</b>	P0315	001
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

Registration of Asset Metering Agents

P0300

001

Source Document	Known as	From	To	Comment
BSCP602	Registration of Asset Metering Agents	AMVLP AMVLP	Supplier SVAA	Content of P0300 depends on the purpose as defined by the Action Indicator data item.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	Only required where the related Asset has generation capacity
	MOA Id	Contains details of the HHMOA or AMMOA. An AMMOA may be appointed instead of a HHMOA where permitted by CoP11. The same MOA or AMMOA must be appointed to both AMSIDs in an AMSID Pair. Required if Action Indicator = 'N'.
	MOA Effective From Date	For the appointed HHMOA or AMMOA. Required if Action Indicator = 'N'.
	HHDC Id	The same HHDC must be appointed to both AMSIDs in an AMSID Pair. Required if Action Indicator = 'N'.
	HHDC Effective From Date	For the association with the AMSID Pair
	AMHHDC Id	An AMHHDC may be appointed in addition to a HHDC where permitted by CoP11. The same AMHHDC must be appointed to both AMSIDs in an AMSID Pair.
	AMHHDC Effective from Date	Required if AMHHDC appointed
	Action Indicator	Valid Set: New or Update

Registration of Asset Metering Agents	P0300	001
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Version History:

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Registration Transfer from CMRS to SMRS</b>	P0199	001
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Source Document	Known as	From	To	Comment
BSCP68	Registration Transfer from CMRS to SMRS	CDCA	Transfer Co-ordinator	
	Registration Transfer from CMRS to SMRS	CRA	Transfer Co-ordinator	
	Registration Transfer from CMRS to SMRS	LDSO	Transfer Co-ordinator	
	Registration Transfer from CMRS to SMRS	Registrant (SVA)	CDCA	
	Registration Transfer from CMRS to SMRS	Registrant (SVA)	CRA	
	Registration Transfer from CMRS to SMRS	Registrant (SVA)	Transfer Co-ordinator	
	Registration Transfer from CMRS to SMRS	Transfer Co-ordinator	CDCA	
	Registration Transfer from CMRS to SMRS	Transfer Co-ordinator	CRA	
	Registration Transfer from CMRS to SMRS	Transfer Co-ordinator	LDSO	
	Registration Transfer from CMRS to SMRS	Transfer Co-ordinator	Registrant (CVA)	
	Registration Transfer from CMRS to SMRS	Transfer Co-ordinator	Registrant (SVA)	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Details of Registrant	Name of Registrant	
	Address	
	Contact	
	Market Participant Id/Supplier Id	
	Effective From Date of Transfer	
	Market Participant Id (Registrant (CVA))	
	Old MPANs	
	Metering System ID	
	BM Unit Id	
	Location of Metering System OS Grid Reference	



<b>Registration Transfer from CMRS to SMRS</b>	P0199	001
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GSP Reference  
 Boundary Point/Circuit Name  
 Site Name  
 Site Address  
 Associated MPANs/MSIDs  
 Market Participant  
 MPANs/MSIDs  
 Confirmation of Transfer  
 Confirmed Effective From Date

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.1	CP704	Flow targets updated for consistency.

<b>Registration Transfer from SMRS to CMRS</b>	P0198	001
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Source Document	Known as	From	To	Comment
BSCP68	Registration Transfer from SMRS to CMRS	CDCA	Transfer Co-ordinator	
	Registration Transfer from SMRS to CMRS	CRA	Transfer Co-ordinator	
	Registration Transfer from SMRS to CMRS	LDSO	Transfer Co-ordinator	
	Registration Transfer from SMRS to CMRS	Registrant (CVA)	CDCA	
	Registration Transfer from SMRS to CMRS	Registrant (CVA)	CRA	
	Registration Transfer from SMRS to CMRS	Registrant (CVA)	Transfer Co-ordinator	
	Registration Transfer from SMRS to CMRS	Registrant (SVA)	Transfer Co-ordinator	
	Registration Transfer from SMRS to CMRS	Transfer Co-ordinator	CDCA	
	Registration Transfer from SMRS to CMRS	Transfer Co-ordinator	CRA	
	Registration Transfer from SMRS to CMRS	Transfer Co-ordinator	LDSO	
	Registration Transfer from SMRS to CMRS	Transfer Co-ordinator	Registrant (CVA)	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Details of Registrant	Name of Registrant	
	Address	
	Contact	
	Market Participant Id (Registrant (CVA))	
	Effective From Date of Transfer	
	Market Participant Id (Registrant (SVA))	
	MPANs	
	Metering System ID	
	BM Unit Id	
	Location of Metering System OS Grid Reference	

<b>Registration Transfer from SMRS to CMRS</b>	P0198	001
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	GSP Reference
	Boundary Point/Circuit Name
	Site Name
	Site Address
Associated MPANs/MSIDs	Market Participant Id/Supplier Id
	MPANs/MSIDs
Confirmation of Transfer	Confirmed Effective From Date

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.1	CP704	Flow targets updated for consistency.

<b>Registration Transfer MPAN Details</b>	P0204	001
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Source Document	Known as	From	To	Comment
BSCP68	Registration Transfer MPAN Details	LDSO	Registrant (SVA)	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure Not Specified	MPANs	

<b>Registration Transfer Standing Data Report</b>	P0203	001
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Source Document	Known as	From	To	Comment
BSCP68	Standing Data Report	CRA	Registrant (CVA)	See CRA-I014

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure Not Specified	Standing Data Reports	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.1	CP704	Flow targets updated for consistency.

<b>Registration Transfer Validation Details</b>	P0200	001
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Source Document	Known as	From	To	Comment
BSCP68	Registration Transfer Validation Details	CDCA	Transfer Co-ordinator	
	Registration Transfer Validation Details	CRA	Transfer Co-ordinator	
	Registration Transfer Validation Details	LDSO	Transfer Co-ordinator	
	Registration Transfer Validation Details	Transfer Co-ordinator	CDCA	
	Registration Transfer Validation Details	Transfer Co-ordinator	CRA	
	Registration Transfer Validation Details	Transfer Co-ordinator	LDSO	
	Registration Transfer Validation Details	Transfer Co-ordinator	Registrant (CVA)	
	Registration Transfer Validation Details	Transfer Co-ordinator	Registrant (SVA)	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Details of Registration Transfer	MPANs	
Details of Registration	Metering System Ids	
	BM Units	
	Registration Transfer Successfully Validated	
	Comments/Reasons for being invalid	
Details of Supplier Agents	MPANs	LDSO Only
	Supplier Id	LDSO Only
	HHDA Id	LDSO Only
	HHDC Id	LDSO Only
	HHMO Id	LDSO Only

<b>Registration Transfer Validation Details</b>	P0200	001
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**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.1	CP704	Flow targets updated for consistency.

<b>Regression Equations Data File</b>	P0014	001
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Source Document	Known as	From	To	Comment
SVAA Technical Specification	Regression Equations Data File	Profile Administrator	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Day Type Id	
	Effective From Settlement Date {PSET}	
	Group Average Consumption	
	GSP Group Id	
	Profile Class Id	
	Profile Id	
	Regression Coefficient	
	Regression Coefficient Type	
	Season Id	
	Settlement Period Id	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Type		P0014001	
	From Role Code		K	
	From Participant Id	Id of Profile Administrator originating file		
	To Role Code		G	
	To Participant Id	Id of SVA Agent receiving file		



<b>Regression Equations Data File</b>	P0014	001
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PFL	Profile Set	Creation Time Record Type Profile Class Id Profile Id Effective From Settlement Date {PSET}	Time of file generation	PFL
GSP	GSP Group Average EAC	Record Type GSP Group Id Group Average Consumption		GSP
RES	Regression Equation Set	Record Type Day Type Id Season Id		RES
PER	Period Regression Equation	Record Type Settlement Period Id		PER
COF	Regression Coefficient	Record Type Regression Coefficient Regression Coefficient Type		COF
ZPT	File Footer	Record Type Record count Checksum	Number of records in the file, including headers and footer.	ZPT

**Backus-Naur Format (BNF):**

Regression Equations Data File ::= ZHD { PFL {GSP} { RES { PER {COF}}}} ZPT

<b>Rejection of ABS MSID Pair Delivered Volume</b>	P0293	001
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Source Document	Known as	From	To	Comment
BSCP508	Rejection of ABS MSID Pair Delivered Volume	SVAA	NETSO	
BSCP602	Rejection of ABS MSID Pair Delivered Volume	SVAA	NETSO	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Period Id	
	GSP Group Id	
	Import MSID	
	Export MSID	
	Delivered Volume	
	Delivered Volume Rejection Reason	Applicable to P0292

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
53.0	P354	New flow created

<b>Rejection of AMSID Pair Allocation to a Secondary BM Unit</b>	P0308	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of AMSID Pair Allocation to a Secondary	SVAA	AMVLP	Response to P0306. Only contains data items submitted in P0306.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	BM Unit Id	
	Import AMSID	
	Export AMSID	
	AMSID Pair Differencing Indicator	
	AMSID Pair in Secondary BM Unit EFD	
	AMSID Pair in Secondary BM Unit ETD	
	Import MSID	
	Export MSID	
	MSID Pair Indicator	
	Rejection Reason	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason

<b>Rejection of AMSID Pair Allocation to a Secondary BM Unit</b>	P0308	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created

<b>Rejection of Asset Meter Registration</b>	P0304	001
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Source Document	Known as	From	To	Comment
BSCP602		Supplier	AMVLP	
	Rejection of Asset Meter Registration	SVAA	AMVLP	
BSCP603	Rejection of Asset Meter Registration	AMVLP	AMHHDC	
	Rejection of Asset Meter Registration	AMVLP	AMMOA	
	Rejection of Asset Meter Registration	AMVLP	HHDC	
	Rejection of Asset Meter Registration	AMVLP	MOA	
	Rejection of Asset Meter Registration	Supplier	AMHHDC	
	Rejection of Asset Meter Registration	Supplier	AMMOA	
	Rejection of Asset Meter Registration	Supplier	HHDC	Response to P0303.
	Rejection of Asset Meter Registration	Supplier	MOA	
	Rejection of Asset Meter Registration	SVAA	AMVLP	
	Rejection of Asset Meter Registration	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	
	Asset Meter Serial Number	
	Outstation Type	
	Asset Meter Make and Model	
	Asset Meter Effective From Date	
	Asset Meter Effective To Date	
	Asset Metering Type	

<b>Rejection of Asset Meter Registration</b>	P0304	001
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- Asset Meter Serial Number
- Outstation Type
- Asset Meter Make and Model
- Asset Meter Effective From Date
- Asset Meter Effective To Date
- Asset Metering Type
- Action Indicator
- Rejection Reason

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Rejection of Asset Metering Agent Registration</b>	P0301	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of Asset Metering Agent Registration	Supplier SVAA	AMVLP AMVLP	Response to P0300. Only contains data items submitted in P0300 plus Rejection Reason.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 Spreadsheet	AMVLP Id	
	Import AMSID	
	Export AMSID	
	MOA Id	
	MOA Effective From Date	
	HHDC Id	
	HHDC Effective From Date	
	AMHHDC Id	
	AMHHDC Effective From Date	
	AMHHDC Effective To Date	
	Action Indicator	
	Rejection Reason	

**Version History:**

<b>Rejection of Asset Metering Agent Registration</b>	P0301	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603



<b>Rejection of Asset Registration</b>	P0298	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of Asset Registration Rejection of Asset Registration	Supplier SVAA	AMVLP AMVLP	Response to P0297. Only contains data items submitted in P0297 plus Rejection Reason.

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	AMVLP Id	
	Asset Registration Id	
	AMSID Pair EFD	
	AMSID Pair ETD	
	Export AMSID required indicator	
	Import AMSID	
	Export AMSID	
	GSP Group Id	
	BM Unit Id	
	Address Line 1	
	Address Line 2	
	Address Line 3	
	Address Line 4	
	Address Line 5	
	Address Line 6	
	Postcode	

<b>Rejection of Asset Registration</b>	P0298	001
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- Asset Type
- Asset Voltage
- Asset Capacity
- Measurement Transformer Indicator
- Import MSID
- Export MSID
- Measurement Class Id
- Action Indicator
- Rejection Reason

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Rejection of BM Unit Allocation Baselineing Detail</b>	P0327	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of BM Unit Allocation Baselineing	SVAA	AMVLP	Response to P0326
	Rejection of BM Unit Allocation Baselineing	SVAA	Supplier	Response to P0326
	Rejection of BM Unit Allocation Baselineing Detail	SVAA	VLP	Response to P0326
	Rejection of BM Unit Allocation Baselineing	SVAA	VTP	Response to P0326

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Participant Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import AMSID	
	Import MSID	
	BM Unit Baselineing EFD	
	Baselineing Indicator	
	Baselineing Methodology	
	Rejection Reason	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

Rejection of BM Unit Allocation Baseline Detail
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P0327
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001
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<b>Rejection of BM Unit Allocation Event Day</b>	P0324	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of BM Unit Allocation Event Day	SVAA	AMVLP	Response to P0323
	Rejection of BM Unit Allocation Event Day	SVAA	Supplier	Response to P0323
	Rejection of BM Unit Allocation Event Day	SVAA	VLP	Response to P0323
	Rejection of BM Unit Allocation Event Day	SVAA	VTP	Response to P0323

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	MSID Pair Indicator	
	GSP Group Id	
	Import AMSID	
	Import MSID	
	Event Day	
	Event Day Type	
	Rejection Reason	May include cancellation

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

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Rejection of BM Unit Allocation Event Day	P0324	001
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<b>Rejection of BM Unit Baseline Status</b>	P0336	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of BM Unit Baseline Status	SVAA	AMVLP	Rejection of P0335
	Rejection of BM Unit Baseline Status	SVAA	Supplier	Rejection of P0335
	Rejection of BM Unit Baseline Status	SVAA	VLP	Rejection of P0335
	Rejection of BM Unit Baseline Status	SVAA	VTP	Rejection of P0335

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Participant Id	
	BM Unit Id	
	BM Unit Baseline Status EFD	
	BM Unit Baseline Status	
	Rejection Reason	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
59.0	P376	Data flow created
62.0	P415	Added instance for VTP

<b>Rejection of Delivered Volume</b>	P0283	002
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of Delivered Volume	SVAA	AMVLP	Will include only data items included in the received P0282 plus Delivered Volume Rejection Reason

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of the IDD Part 1 spreadsheet	Settlement Date	
	Settlement Period Id	
	GSP Group Id	
	BM Unit Id	
	MSID Pair Indicator	
	Import MSID	
	Export MSID	
	Delivered Volume	
	Import AMSID	
	Export AMSID	
	Settlement Period Id	
	Delivered Volume Rejection Reason	For MSID Pair or AMSID Pair, as appropriate



<b>Rejection of MSID Pair Allocation</b>	P0280	001
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Source Document	Known as	From	To	Comment
BSCP602	Rejection of MSID Pair Allocation	SVAA	Supplier	
	Rejection of MSID Pair Allocation	SVAA	VLP	
	Rejection of MSID Pair Allocation	SVAA	VTP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	MSID Pair Id	
	BM Unit Id	
	GSP Group Id	
	Effective From Settlement Date {MSIDP}	
	Effective To Settlement Date {MSIDP}	
	Import MSID	
	Import MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ICCF}	
	Effective To Settlement Date {ICCF}	
	Export MSID	
	Export MSID Customer Consent Flag	True or False
	Effective From Settlement Date {ECCF}	
	Effective to Settlement Date {ECCF}	
	MSID Pair Rejection Reason	
Delete Flag	Applicable to P0278	

**Physical File Specification:**

<b>Rejection of MSID Pair Allocation</b>	P0280	001
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Record	Field Name	Comment	Value	Opt
	MSID Pair Id			Yes
	BM Unit Id			
	GSP Group Id			
	Effective From Settlement Date {MSIDP}			
	Effective To Settlement Date {MSIDP}			
	Import MSID			
	Import MSID Customer Consent Flag			
	Effective From Settlement Date {ICCF}			
	Effective To Settlement Date {ICCF}			
	Export MSID			Yes
	Export MSID Customer Consent Flag			Yes
	Effective From Settlement Date {ECCF}			Yes
	Effective to Settlement Date {ECCF}			Yes
	MSID Pair Rejection Reason			Yes
	Delete Flag			

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added
62.0	P415	Added instance for VTP

<b>Rejection Response for Request for Asset Metering System Site Technical D</b>	P0319	001
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Source Document	Known as	From	To	Comment
BSCP603	Rejection Response for Request for Asset Metering	AMVLP	AMMOA	
	Rejection Response for Request for Asset Metering	AMVLP	MOA	
	Rejection Response for Request for Asset Metering	Supplier	AMMOA	
	Rejection Response for Request for Asset Metering	Supplier	MOA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	AMSID	
	D0170 Rejection Description	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

<b>Report Action Required</b>	P0317	001
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Source Document	Known as	From	To	Comment
BSCP603	Report Action Required	AMHHDC	AMVLP	
	Report Action Required	AMHHDC	Supplier	
	Report Action Required	HHDC	AMVLP	
	Report Action Required	HHDC	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	AMSID	
	Reason for Request	
	Date Fault Suspected/Detected	
	Meter Id (Serial Number)	
	Additional Information	
	Meter Register Id	
	Date of Action	
	Site Visit Check Code	
	Additional Information	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow created
60.0	P395	Added instances for BSCP603

**Report Action Required**

P0317

001

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	CP1598	Flow routes modified

<b>Request Creation of UMS Skeleton SMRS Record</b>	P0171	001
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Source Document	Known as	From	To	Comment
BSCP520	Request Creation of UMS Skeleton Record	SMRA	UMSO	
	Request Creation of UMS Skeleton Record	UMSO	SMRA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Request	Date, Time & Source of Request	
	Metering Point Address Line 1	
	Metering Point Address Line 2	
	Metering Point Address Line 3	
	Postcode	
	GSP Group Id	
	Line Loss Factor Class Id	
	Metering System Id	

**Notes:**

This flow is specific to Unmetered Supplies.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.3	CP690	UMS (Unmetered Supplier) Clarifications and Improvements
24.0	CP1155	Changes to UMS-related P-flows

<b>Request Daily Profile Coefficient Data</b>	P0040	001
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Source Document	Known as	From	To	Comment
BSCP504	Request Daily Profile Coefficient Data	NHHDC	SVAA	
BSCP508	Request Daily Profile Coefficient Data	NHHDC	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Data Collector Id	
	GSP Group Id	
	SVA Agent Id	
	Settlement Dates	
	Supplier Id	

<b>Request to SMRA to Disconnect a UMS Metering Point</b>	P0175	001
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<b>Source Document</b> BSCP520	<b>Known as</b> Request to SMRA to Disconnect a UMS Metering P	<b>From</b> UMSO	<b>To</b> SMRA	<b>Comment</b> from UMSO
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**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Disconnect	Metering System Id	
	Inventory Name & Reference	
	Supplier Id	
	Address Line 1	
	Address Line 2	
	Address Line 3	
	Postcode	
	Date of Registration (UMS)	
	Date of Disconnection Request	

**Notes:**

This flow is specific to Unmetered Supplies.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
3.3	CP690	UMS (Unmetered Supplier) Clarifications and Improvements
22	CP1127	Feb 06 Release Changes
24.0	CP1155	Changes to UMS-related P-flows



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Request to SMRA to Disconnect a UMS Metering Point	P0175	001
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<b>Required Change of Profile Class</b>	P0206	001
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Source Document	Known as	From	To	Comment
BSCP516	Required Change of Profile Class	NHHDC	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Metering Systems	Metering System Id	
	Profile Class Id (New)	
	Load Factor (New)	
	Start Date for LF Calculation	
	End Date for LF Calculation	
	End Date of MD Reading	
	Maximum Demand for LF Calculation	
	Profile Class Id (Current)	
	Meter Advance	
	Meter	Meter Id (Serial Number)
Meter Register	Meter Register Id	
	Meter Reading used for LF Calculation	

<b>SAA Data Exception Report</b>	P0187	001
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Source Document	Known as	From	To	Comment
BSCP508	SAA Data Exception Report	SAA	SVAA	
NETA IDD Part1	SAA Data Exception Report	SAA	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
SXH - Exception Report - header of file being processed	File Type	
	Creation Time	
	From Role Code	
	From Participant Id	
	To Role Code	
	To Participant Id	
	Sequence Number	
	Test Data Flag	
SD9 - SAA Data Exceptions	Exception Type	
	Exception Description	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
AAA AAA Header	Record Type		AAA	
	File Type			
	Message Role		D or R	
	Creation Time			
	From Role Code			

<b>SAA Data Exception Report</b>	P0187	001
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SD9	SAA Data Exceptions	From Participant Id To Role Code To Participant Id Sequence Number Test Data Flag Record Type	SD9
SXH	Exception Report - header of file being processed	Exception Type Exception Description Record Type	SXH
ZZZ	ZZZ Footer	File Type Creation Time From Role Code From Participant Id To Role Code To Participant Id Sequence Number Test Data Flag Record Type Record Count Checksum	ZZZ

<b>SAA Settlement Calendar</b>	P0189	001
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Source Document	Known as	From	To	Comment
Neta IDD Part 2	Settlement Calendar	BSCCo	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Code	
	SAA Run Date	
	Payment Date	
	SVA Run Date	

**Notes:**

There will be other data items in this flow which are of no interest to Stage 2

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>Secondary BM Unit Delivered Volumes</b>	P0290	001
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Source Document	Known as	From	To	Comment
BSCP508	Secondary BM Unit Delivered Volumes	SVAA	SAA	One file per Settlement Day per Settlement Run

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Run Type	
	BM Unit Id	Id of Secondary BM Unit
	BM Unit Id	Id of related Supplier BM Unit(s)
	Settlement Period Id	
	Secondary BM Unit Supplier Delivered Volume	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added

<b>Secondary BM Unit Demand Volumes</b>	P0289	001
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Source Document	Known as	From	To	Comment
BSCP508	Secondary BM Unit Demand Volumes	SVAA	SAA	One file per Settlement Day per Settlement Run

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Run Type	
	BM Unit Id	Id of Virtual Lead Party's Secondary BM Unit
	Settlement Period Id	
	Secondary BM Unit Demand Volume	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added

<b>Secondary Half Hourly Consumption Volumes</b>	P0288	001
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Source Document	Known as	From	To	Comment
BSCP508	Secondary Half Hourly Consumption Volumes	SVAA	AMVLP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Run Type	
	BM Unit Id	Secondary BM Unit Id
	Metering System Id	MSID or AMSID
	Settlement Period Id	
	Consumption Component Class Id (non-losses)	
	Secondary Half Hourly Consumption (non-losses)	
	Consumption Component Class Id (losses)	
	Secondary Half Hourly Consumption (losses)	

**Notes:**

One file generated per Settlement Day per Settlement Run

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
49.0	P344	New flow added
52.0	CP1517	Modified to include distinct Consumption Component Classes for losses and non-losses
57.0	P375	Flow modified



<b>Secondary Half Hourly Consumption Volumes</b>	P0288	001
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	P415	Added instance for VTP

<b>Secondary Half Hourly Delivered Volumes</b>	P0287	001
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Source Document	Known as	From	To	Comment
BSCP508	Metering System Half Hourly Volume Adjustments	SVAA	Supplier	One file per Settlement Day per Settlement Run

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Run Type	
	Supplier Id	
	BM Unit Id	
	Metering System Id	
	GSP Group Id	
	LDSO Id	
	Line Loss Factor Class Id	
	Settlement Period Id	
	Consumption Component Class Id	
	Secondary Half Hourly Delivered Volumes (non-losses)	
	MPAN Applicable Balancing Services Volume Data (non-losses)	
	Secondary Half Hourly Delivered Volumes (losses)	
	MPAN Applicable Balancing Services Volume Data (losses)	

**Version History:**

Catalogue release	Mod/CP No.	Brief description of the change and its reason
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<b>Secondary Half Hourly Delivered Volumes</b>	P0287	001
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change takes effect		
49.0	P344	New flow added
52.0	CP1517	Modified title; added Balancing Services Volume Data

<b>Site Visit Rejection</b>	P0211	001
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Source Document	Known as	From	To	Comment
BSCP603	Site Visit Rejection	AMMOA	AMVLP	
	Site Visit Rejection	AMMOA	Supplier	
	Site Visit Rejection	MOA	AMVLP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Metering System Details	Meter Operator Id	
	Supplier Id	
	Metering System Id	
Site Visit Rejection	Site Visit Check Code	
	Reason for Rejection	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
57.0	P375	Flow modified
58.0	P436	Modified BSCP514 flow routes
60.0	P395	Added instances for BSCP603

<b>SP07 - SMRA &amp; SVAA MSID Count - SMRA File</b>	P0045	002
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<b>Source Document</b>	<b>Known as</b>	<b>From</b>	<b>To</b>	<b>Comment</b>
BSCP533	SP07 - SMRA & SVAA MSID Count - SMRA File	SMRA	PA Administrator	

<b>SP07 - SMRA &amp; SVAA MSID Count - SVAA File</b>	P0164	001
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Source Document	Known as	From	To	Comment
BSCP533	SP07 - SMRA & SVAA MSID Count - SVAA File	SVAA	PA Administrator	

<b>SP08 - Energy and MSIDs on Actuals</b>			P0145	002
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Source Document	Known as	From	To	Comment
BSCP533	SP08 - Energy and MSIDs on Actuals	SVAA	PA Administrator	

<b>SP09 - NHH Defaults</b>	P0146	001
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Source Document	Known as	From	To	Comment
BSCP533	SP09 - NHH Defaults	SVAA	PA Administrator	



<b>Stage 2 NETA Acknowledgement Message</b>	P0183	001
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Source Document	Known as	From	To	Comment
BSCP508	Stage 2 Acknowledgement Message	MDDM	CRA	
	Stage 2 Acknowledgement Message	SAA	SVAA	
	Stage 2 Acknowledgement Message	SVAA	CDCA	
Data Interface Spec between Stage 2 and the NETA	Stage 2 NETA Acknowledgement Message	MDDM	CRA	
	Stage 2 NETA Acknowledgement Message	SAA	SVAA	
	Stage 2 NETA Acknowledgement Message	SVAA	CDCA	
NETA IDD Part2	Stage 2 Acknowledgement Message	MDDM	CRA	
	Stage 2 Acknowledgement Message	SAA	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Received Time	
	Response Time	
	File Name	
	Response Code	
	Response Data	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Identifier			
	File Type		P0183001	
	From Role Code			

<b>Stage 2 NETA Acknowledgement Message</b>	P0183	001
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	From Participant Id			
	To Role Code			
	To Participant Id			
	Creation Time	Time file processing was started. Specified in GMT.		
	Sending Application Id		Null	
	Receiving Application Id		Null	
	Broadcast		Null	
	Test Data Flag	Test flag of the file being acknowledged.		
ACK	Stage 2 NETA Acknowledgement Details	Record Type		ACK
	File Identifier	File identifier of the file being acknowledged		
	File Type	File Type of file being acknowledged		
	Response Code	A code indicating the nature of the acceptance/rejection		
	Response Data	Any data that gives additional information in fixing the problem		Yes
ZPT	File Footer	Record Type		ZPT
		Record Count		
		Checksum		

**Backus-Naur Format (BNF):**

Stage 2 NETA Acknowledgement Message ::= ZHD ACK ZPT

**Notes:**

1. The Stage 2 NETA Acknowledgement Message is specified in Pool Transfer File Format and will not be changed to Pool File Format before processing by Stage 2. Pool Transfer File Format (PTFF) is defined in Section 2.6.3 of the SVA Data Catalogue.
2. The SVAA/MDDM will only dispatch one Stage 2 NETA Acknowledgement Message for each file received from the NETA,
3. The SVAA/MDDM will return "successful" acknowledgements to the NETA using Response Code 100 (ACK) only.
4. The SVAA/MDDM will only expect one Stage 2 NETA Acknowledgement Message to be returned for each file it dispatches to the NETA.
5. The SVAA/MDDM will return "failure" acknowledgements to the NETA using Response Code 1 or 2 (NACK) only.
6. For acknowledgements received by the SVAA/MDDM from the NETA, the SVAA/MDDM will only recognise Response Codes 0, 100, 101 to indicate success (delivered). All other codes

<b>Stage 2 NETA Acknowledgement Message</b>	P0183	001
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**Notes:**

will be treated as failure.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>Standing Data Changes for Supplier in a GSP group</b>	P0219	002
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Source Document	Known as	From	To	Comment
BSCP507	Standing Data Changes for Supplier in a GSP grou	Supplier	BSCCo	
	Standing Data Changes for Supplier in a GSP grou	Supplier	SVAA	
	Standing Data Changes for Supplier in a GSP grou	SVAA	BSCCo	
	Standing Data Changes for Supplier in a GSP grou	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Effective From Settlement Date {SIGG}	
	Effective To Settlement Date {SIGG}	
	GSP Group Id	
	Supplier Id	
	Reason for Validation Failure and Action Taken Code	
	Accept Action	
	Reject Action	
	Alternative Effective From Settlement Date {DAIGG}	
	Alternative Effective To Settlement Date {DAIGG}	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
26.0	P197	New flow version created

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Standing Data Changes for Supplier in a GSP group	P0219	002
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<b>Standing Data Changes for Supplier/Data Aggregator in a GSP group</b>	P0220	002
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Source Document	Known as	From	To	Comment
BSCP507	Standing Data Changes for Supplier/Data Aggregat	Supplier	BSCCo	
	Standing Data Changes for Supplier/Data Aggregat	Supplier	SVAA	
	Standing Data Changes for Supplier/Data Aggregat	SVAA	BSCCo	
	Standing Data Changes for Supplier/Data Aggregat	SVAA	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
	Data Aggregator Id	
	Data Aggregator Type	
	Effective From Settlement Date {SIGG}	
	GSP Group Id	
	Supplier Id	
	Reason for Validation Failure and Action Taken Code	
	Accept Action	
	Reject Action	
	AA Effective From Settlement Date	
	Alternative Effective To Settlement Date {DAIGG}	
	Effective To Settlement Date {DAIGG}	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason

<b>Standing Data Changes for Supplier/Data Aggregator in a GSP group</b>	P0220	002
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Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
26.0	P197	New flow version created

<b>Summary of NHH BM Unit Allocations</b>	P0209	001
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Source Document	Known as	From	To	Comment
BSCP507	Summary of NHH BM Unit Allocations	SVAA	BSCCo	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Summary of NHH BM Unit Allocations	Period Covered	
	Percentage of NHH BM Unit Allocations with Errors	
Details of NHH BM Unit with Errors	Supplier Id	
	BM Unit Id	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
5.1	CP518	New flow to provide BSCCo with BM Unit allocation errors



<b>Sunset Data File</b>	P0011	001
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Source Document	Known as	From	To	Comment
BSCP508	Sunset Data File	Sunset Provider	SVAA	
SVAA Technical Specification	Sunset Data File	SVAA	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	GSP Group Id	
	Settlement Date	
	Time of Sunset	Sunset time shall be the same for all GSP groups. Sunset time used shall be that of Birmingham

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Type		P0011001	
	From Role Code		V	
	From Participant Id	Id of market participant originating file		
	To Role Code		G	
	To Participant Id	Id of SVA Agent receiving file		
SUN Sunset Data	Creation Time	Time of file generation		
	Record Type		SUN	
	GSP Group Id			
	Settlement Date			
ZPT File Footer	Time of Sunset	Sunset time should be the same for all GSP groups. Sunset time used shall be that of Birmingham		
	Record Type		ZPT	

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<b>Sunset Data File</b>	P0011	001
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Record count

Number of records in the file, including headers and footer.

Checksum

**Backus-Naur Format (BNF):**  
Sunset Data File ::= ZHD {SUN} ZPT

<b>Supplier BM Unit Non BM ABSVD</b>	P0296	001
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Source Document	Known as	From	To	Comment
BSCP508	Supplier BM Unit Non BM ABSVD	SVAA	SAA	
BSCP602	Supplier BM Unit Non BM ABSVD	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Settlement Date	
	Settlement Period Id	
	Settlement Run Type	
	BM Unit Id	Supplier BM Unit
	Period Supplier BM Unit Non BM ABSVD Volume	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
53.0	P354	New flow created

<b>Supplier BM Unit Period Non-Chargeable Demand</b>	P0338	001
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Source Document	Known as	From	To	Comment
BSCP508	Supplier BM Unit Period Non-Chargeable Demand	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the SVAA Tab of IDD Part 1 Spreadsheet	Settlement Date	
	SSR Run Type Id	
	BM Unit Id	Supplier BM Unit
	Settlement Period Id	
	Period BM Unit Non-Chargeable Demand	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
60.0	P395	New flow created

<b>Supplier BM Unit Period Total Gross Non-Final Demand</b>	P0340	001
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Source Document	Known as	From	To	Comment
BSCP508	Supplier BM Unit Period Total Gross Non-Final De	SVAA	SAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure specified in the IDD Part 1 Spreadsheet	Settlement Date	
	SSR Run Type Id	
	BM Unit Id	Supplier BM Unit
	Settlement Period Id	
	Period BM Unit Total Gross Non-Final Demand	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
62.0	P415	New flow created

<b>Supplier in a GSP Group</b>	P0030	001
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Source Document	Known as	From	To	Comment
BSCP507	Supplier in a GSP Group	Supplier	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Effective From Settlement Date {SIGG}	
	Effective To Settlement Date {SIGG}	
	GSP Group Id	
	Supplier Id	

<b>Supplier Quarterly Volume Report</b>	P0275	001
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Source Document	Known as	From	To	Comment
SVAA URS	Supplier Quarterly Volume Report	SVAA	BSCCo	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		ZHD	
	File Type			
	From Role Code	G		
	From Participant Id	Id of SVAA		
	To Role Code	Z		
	To Participant Id	Id of BSCCo		
HDR Report Data	Creation Time			
	Record Code		HDR	
	Quarter Id			
	Settlement Run From Date			
	Settlement Run End Date			
SUP Supplier Details	Number of Days in Quarter			
	Days of Data Available for Quarterly Report			
	Record Code		SUP	
	Supplier Id			
	Supplier Volume Reporting Group			
ZPT File Footer	Quarterly Average MPAN Count			
	Quarterly Volume in MWh			
	Record Code		ZPT	
	Record Count			
	Checksum			

<b>Supplier Quarterly Volume Report</b>	P0275	001
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**Backus-Naur Format (BNF):**

Supplier Quarterly Volume Report ::= ZHD HDR {SUP} ZPT

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
42.0	P315	Flow created



<b>Suppliers Trading / Ceased Trading in GSP Group</b>	P0127	001
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Source Document	Known as	From	To	Comment
BSCP533	Suppliers Trading / Ceased Trading in GSP Group	SVAA	PA Administrator	
PARMS	Suppliers Trading / Ceased Trading in GSP Group	SVAA	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
22	CP1127	Feb 06 Release Changes

<b>TA01 - GSP Group Correction Factor</b>	P0137	001
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Source Document	Known as	From	To	Comment
BSCP533	TA01 - GSP Group Correction Factor	SVAA	PA Administrator	

<b>TA02 - Annual Demand Ratio</b>	P0138	001
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Source Document	Known as	From	To	Comment
BSCP533	TA02 - Annual Demand Ratio	SVAA	PA Administrator	

<b>Temperature Data</b>	P0033	001
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Source Document	Known as	From	To	Comment
BSCP508	Temperature Data	Temperature Provider	SVAA	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Actual Noon Temperature GSP Group Id Settlement Date	

<b>TUoS Report (HH/NHH Split)</b>	P0210	003
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Source Document	Known as	From	To	Comment
BSCP508	TUoS Report (HH/NHH Split)	SVAA	NETSO	
SVAA Technical Specification	TUoS Report (HH/NHH Split)	SVAA	NETSO	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	Corrected Daily BMU Gross HH Demand	summed over all periods in the day
	Corrected Period BMU Gross HH Demand	summed over all periods in the day
	Daily BMU Gross HH Demand	summed over all periods in the day
	Daily BMU Gross HH Embedded Export	summed over all periods in the day
	Daily BMU Gross HH Non-Final Demand	summed over all periods in the day
	Daily Corrected Supplier Deemed Take	summed over all periods in the day
	Daily GSP Group Take	summed over all periods in the day
	Daily HH Allocated Volume	summed over all periods in the day
	Daily NHH Allocated Volume	summed over all periods in the day
	Daily Non-Corrected Supplier Deemed Take	summed over all periods in the day
	Daily Supplier Deemed Take	summed over all periods in the day
	GSP Group Id	
	GSP Group Name	
	GSP Group Take	
	Measurement Class Id	
	Period BMU Gross HH Demand	
	Period BMU Gross HH Embedded Export	
	Period BMU Gross Non-Final Demand	

<b>TUoS Report (HH/NHH Split)</b>	P0210	003
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Period BMU HH Allocated Volume  
 Period BMU NHH Allocated Volume  
 Period Corrected Supplier Deemed Take  
 Period Supplier Deemed Take  
 Period Non-Corrected Supplier Deemed Take  
 Run Number  
 Run Type Code  
 Settlement Code  
 Settlement Code Description  
 Settlement Date  
 Settlement Period Id  
 Settlement Period Label  
 SVA Run Date  
 SVA Run Number  
 SVA Run Type Id  
 Supplier Id  
 Supplier Name

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Type		P0210002	
	From Role Code		G	
	From Participant Id	SVA Agent Id		
	To Role Code	default is Z		

<b>TUoS Report (HH/NHH Split)</b>	P0210	003
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		To Participant Id	Transmission Authority Id	
		Creation Time	Time report processing started	
ZPD	Data File Additional Header	Record Type		ZPD
		Settlement Date		
		Settlement Code		
		Run Type Code		
		Run Number		
		GSP Group Id		Null
RDT	Report Parameters	Record Type		RDT
		User Name		
		Report Parameters	Input SVA Run Number	
HDR	Additional Header Details	Record Type		HDR
		Settlement Date		
		Settlement Code		
		Settlement Code Description		
		SVA Run Date		
		SVA Run Number		
		SVA Run Type Id		
GSP	GSP Groups	Record Type		GSP
		GSP Group Id		
		GSP Group Name		
SUP	Supplier Detail	Record Type		SUP
		Supplier Id		
		Supplier Name		
SPX		Record Type		SPX
		Settlement Period Id		
		Settlement Period Label		
		GSP Group Take Report Value	See note 1	
		Period Supplier Deemed Take Report Value	See note 2	

<b>TUoS Report (HH/NHH Split)</b>	<b>P0210</b>	<b>003</b>
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	Period Corrected Supplier Deemed Take		Yes
	Period Non-Corrected Supplier Deemed Take		Yes
TOT	Total Detail		TOT
	Record Type		
	Daily GSP Group Take	Summed over all periods in the day	
	Daily Supplier Deemed Take	Summed over all periods in the day	
	Daily Corrected Supplier Deemed Take		Yes
	Daily Non-Corrected Supplier Deemed Take		Yes
BMU			BMU
	Record Type		
	BM Unit Id		
	Default BM Unit Flag		
HHH			HHH
	Record Type		
	Settlement Period Id		
	Settlement Period Label		
	Period BMU HH Allocated Volume		
	Period BMU NHH Allocated Volume		
TO2			TO2
	Record Type		
	Daily HH Allocated Volume		
	Daily NHH Allocated Volume		
MCL	Measurement Class		MCL
	Record Type		
	Measurement Class Id	Only HH MC are reported, i.e. 'C', 'D', 'E', 'F', and 'G'	
HHB			HHB
	Record Type		
	Settlement Period Id	46, 48 or 50 values	
	Settlement Period Label		
	Period BMU Gross HH Demand		
	Period BMU Gross HH Embedded Export		
	Period BMU Gross Non-Final Demand		
	Corrected Period BMU Gross HH Demand		
TO3			TO3
	Record Type		
	Daily BMU Gross HH Demand		



<b>TUoS Report (HH/NHH Split)</b>	P0210	003
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ZPT	File Footer	Daily BMU Gross HH Embedded Export	
		Daily BMU Gross HH Non-Final Demand	
		Corrected Daily BMU Gross HH Demand	
		Record Type	ZPT
		Record Count	Number of records in the file, including headers and footer
		Checksum	

**Backus-Naur Format (BNF):**

TUoS Report ::= ZHD ZPD RDT HDR { GSP { SUP {SPX} TOT {BMU {HHA} TO2 {MCL {HHB} TO3}}}} ZPT

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
BMU	BM Unit Id	Ascending
GSP	GSP Group Id	Ascending
HHA	Settlement Period Id	Ascending
HHB	Settlement Period Id	Ascending
MCL	Measurement Class Id	Ascending
SPX	Settlement Period Id	Ascending
SUP	Supplier Id	Ascending

Note: the above list shows the order of records at each level within the BNF structure. It should be read in conjunction with the BNF structure and not as a simple list of the sort order.

**Notes:**

- 1 The item 'GSP Group Take Report Value' is called 'GSP Group Take' in the SVAA Technical Specification. This variant was added to distinguish between the use of lengths NUM(13,3) and NUM (14,4) for this item.
- 2 The item 'Period Supplier Deemed Take Report Value' is called 'Period Supplier Deemed Take' in the SVAA Technical Specification. This variant was added to distinguish between the use of lengths NUM(13,3) and NUM (14,4) for this item.
- 3 For the avoidance of doubt, the SPX, TOT, HHA and TO2 groups contain net HH and NHH metered data, whereas the MCL, HHB and TO3 groups contain gross import and gross export HH metered data only. Consequently, only HH Measurement Class Ids are reported in the MCL group and HH metered data in the subsidiary groups. Therefore, it is possible that no MCL group is included if only NHH data is applicable.

TUoS Report (HH/NHH Split)	P0210	003
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**Notes:**

4 The 'Period BMU Gross HH Demand', and 'Period BMU Gross HH Embedded Export', 'Period BMU Gross Storage Demand', 'Corrected Period BMU Gross HH Demand', 'Daily BMU Gross HH Demand', 'Daily BMU Gross HH Embedded Export', 'Daily BMU Gross Storage Demand', 'Corrected Daily BMU Gross HH Demand' items in the HHB and TO3 groups are reported with nil/zero values (specifically '0.0000') in cases where SVAA would ordinarily otherwise output a null value due to there being no volume allocated for that specific combination of BM Unit and Measurement Class.

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
54.0	P383	Modified to include Storage Demand values

<b>TUoS Residual Charges Billing Report</b>	P0321	001
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Source Document	Known as	From	To	Comment
BSCP515	TUoS Residual Charges Billing Report	LDSO	NETSO	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
HDR File Header	Record Type		HDR	
	File Type		P0321001	
	From Participant Id	e.g. YELG		
	From Role Code	Default is 'R'		
	To Participant Id		NGCY	
	To Role Code		Z	
001 Residual Charges Details	Creation Time	Time report processing started		
	Record Type		001	
	Distributor Id	The LDSO's MPID, not the Party Id		
	GSP Group			
	Settlement Date			
	Settlement Run Type			
	Registrant Id	The Registrant's Party Id, not their MPID		
FTR File Footer	Charging Band			
	Count of Final Demand Sites	Count of sites at the beginning of the Settlement Day; left null for Charging Band 'UMS'		Yes
	Sum of Gross Imports (daily)	Summed over all Settlement Periods in the Settlement Date; MWh; left null for Charging Bands other than 'UMS'		Yes
FTR File Footer	Record Type		FTR	
	Record Count			

**TUoS Residual Charges Billing Report**

P0321

001

**Notes:**

1. This report will be sent using a CSV file.
2. Report covers multiple Settlement Days at different stages in the reconciliation process (i.e. Settlement Runs) – see BSCP515 for more details.
3. When reporting Charging Band of 'UMS', leave the 'Count of Final Demand Sites' null and populate the 'Sum of Gross Imports (daily)'
4. When reporting Charging Bands other than 'UMS', populate the 'Count of Final Demand Sites' and leave the 'Sum of Gross Imports (daily)' as null

Example CSV file format:

```
HDR,P0321001,R,EELC,Z,NGCY,20220508 15:05:33
001,EELC,_A,20220401,SF,FLEX,LVN1,4000,
001,EELC,_A,20220401,SF,FLEX,UMS,,4444.453
001,EELC,_B,20220401,RF,BRITGAS,EHV1,3245,
FTR,3
```

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
56.0	P402	New flow created

<b>TUoS Residual Charges Tariff Setting Report</b>	P0322	001
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Source Document	Known as	From	To	Comment
BSCP515	TUoS Residual Charges Tariff Setting Report	LDSO	NETSO	

**Physical File Specification:**

Record	Field Name	Comment	Value	Opt
HDR File Header	Record Type		HDR	
	File Type		P0322001	
	From Participant Id	e.g. YELG		
	From Role Code	Default is 'R'		
	To Participant Id		NGCY	
	To Role Code		Z	
001 Residual Charges Details	Creation Time	Time report processing started		
	Record Type		001	
	Distributor Id	The LDSO's MPID, not the Party Id		
	GSP Group			
	Charging Band	'UMS' is not reported		
FTR File Footer	Sum of Gross Imports (annual)	Summed over all Settlement Periods in the reporting period; based on latest Settlement Run at time of report creation		
	Record Type		FTR	
	Record Count			

**Notes:**

1. This report will be sent using a CSV file.
2. Do not report for the Charging Band 'UMS'.

Example CSV file format:

<b>TUoS Residual Charges Tariff Setting Report</b>	P0322	001
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**Notes:**

HDR,PYYYY001,R,EELC,Z,NGCY,20220508 15:05:33  
001,EELC,\_A,DOM,330312.1323  
001,EELC,\_A,LVN1,4444.453  
001,EELC,\_B,LVN2,12345.4321  
FTR,3

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
56.0	P402	New flow created