



## 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.

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**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.
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- Issue 3.3 Changes required for CP690, UMS (Unmetered Supplier) Clarifications and Improvements.
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- Issue 4.1 Changes required for Modification P68 and CP760.
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- 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)
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- Issue 21.0 Changes required for CP1036, CP1098, and CP1105 for the SVA November 05 Release. Approved by SVG (SVG/56/004)
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- 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)
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- 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

## **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 MRA Data Transfer Catalogue
- 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 MRA Data Transfer Catalogue (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 Data Transfer Catalogue, this document will note the interface in Appendix A but will refer to the DTC 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.



## 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 Data Transfer Catalogue (DTC, 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.

<b>ZPT - File Footer</b>			
<b>Field</b>	<b>Field Name</b>	<b>Type</b>	<b>Comments</b>
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.

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

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

<b>ZPI - Instruction File Additional Header</b>			
<b>Field</b>	<b>Field Name</b>	<b>Type</b>	<b>Comments</b>
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:

<b>ZIN - Instruction Header</b>			
<b>Field</b>	<b>Field Name</b>	<b>Type</b>	<b>Comments</b>
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.

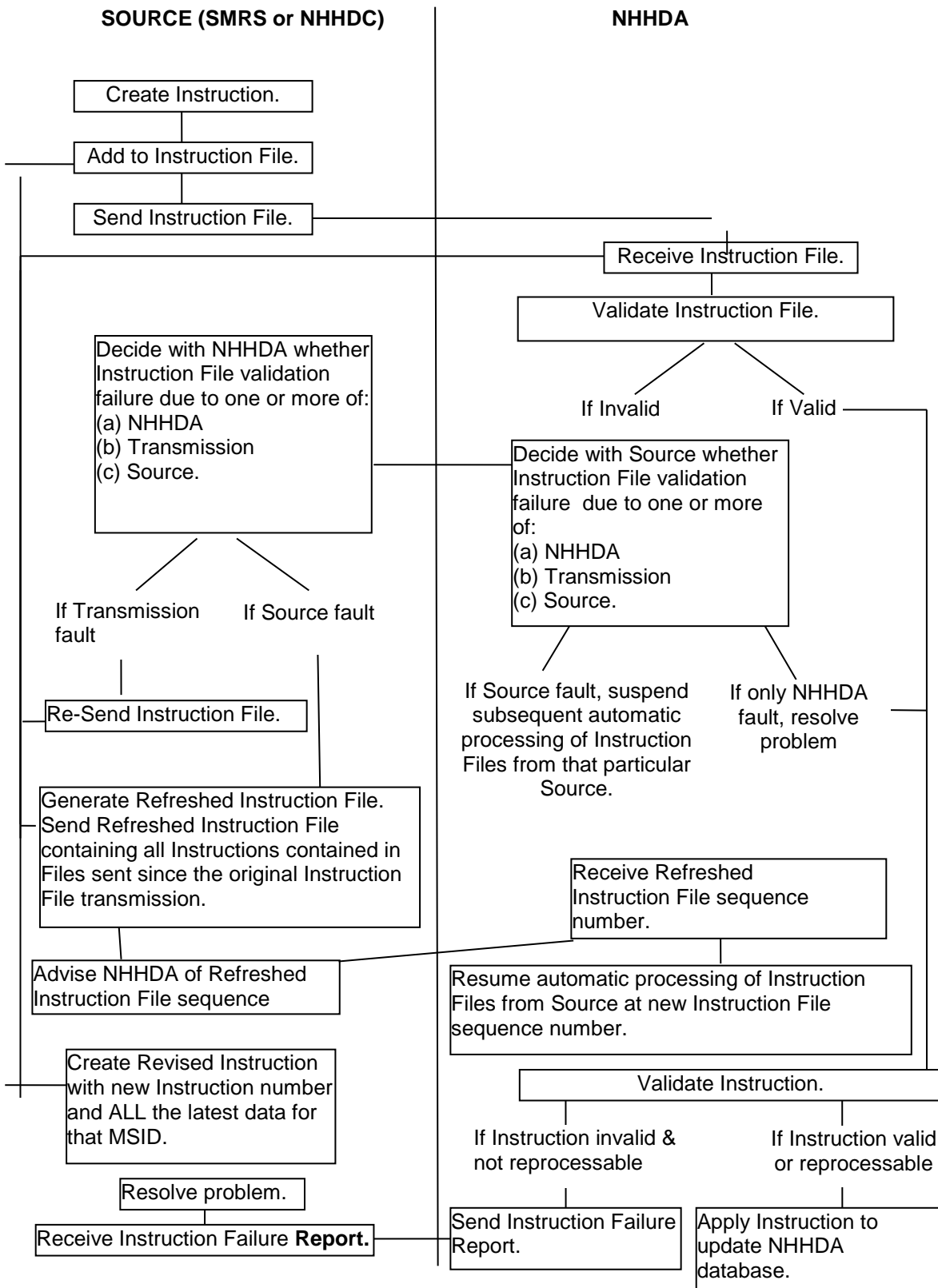
##### 3.1.3. Problem Log

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	
			LDSO	HHDC	001	
			Supplier	HHDC	001	
			HHDC	HHMO	001	
			BSCP504	Supplier	NHHDC	001
			BSCP508	SVAA	SAA	001
			BSCP514	HHDC	HHMO	001
			NHHDC	NHHMO	001	
			Supplier	HHMO	001	
			Supplier	NHHMO	001	
D0002	Fault Resolution Report or Request for Decision on Further Action	BSCP502	HHDC	Supplier	001	
			HHMO	HHDC	001	
			HHDC	LDSO	001	
			BSCP504	RPS	NHHDC	001
			Supplier	NHHDC	001	
			NHHMO	NHHDC	001	
			BSCP514	HHMO	HHDC	001
			HHMO	NHHMO	001	
			HHMO	Supplier	001	
			LDSO	HHMO	001	
			LDSO	NHHMO	001	
			NHHMO	HHMO	001	
			NHHMO	NHHDC	001	
			NHHMO	Supplier	001	
			D0003	Half Hourly Advances	BSCP502	HHDC
		BSCP514	HHDC	HHMO	001	
D0004	Notification of Failure to Obtain Reading	BSCP504	NHHDC	Supplier	001	
D0005	Instruction on Action	BSCP502	HHDC	NHHMO	001	
			HHMO	HHDC	001	
			LDSO	HHDC	001	
			Supplier	HHDC	001	
			BSCP504	Supplier	NHHDC	001
			BSCP514	Supplier	NHHMO	001
			HHDC	NHHMO	001	
			HHMO	HHDC	001	

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0005	Instruction on Action	BSCP514	Supplier	HHDC	001	
			Supplier	HHMO	001	
D0008	Meter Advance Reconciliation Report	BSCP502	HHDC	Supplier	001	
			HHDC	HHMO	001	
			HHDC	LDSO	001	
D0010	Meter Readings	BSCP502	HHDC	HHDC	002	
			HHMO	HHDC	002	
			HHMO	LDSO	002	
			HHMO	Supplier	002	
			NHHMO	HHDC	002	
			BSCP504	NHHDC	Supplier	002
				Supplier	Supplier	002
				Supplier	NHHDC	002
				RPS	NHHDC	002
				NHHDC	NHHDC	002
		NHHDC		LDSO	002	
		BSCP514	LDSO	Supplier	002	
			LDSO	NHHMO	002	
			LDSO	NHHDC	002	
			NHHMO	NHHDC	002	
			LDSO	NHHMO	002	
			NHHMO	HHMO	002	
			LDSO	HHMO	002	
			HHMO	Supplier	002	
			HHMO	LDSO	002	
			NHHMO	NHHDC	002	
			HHMO	HHDC	002	
HHMO	CDCA		002			
D0011	Agreement of Contractual Terms	BSCP504	NHHDC	Supplier	001	
			BSCP514	NHHMO	Supplier	001
			HHMO	Supplier	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	SVAA	Supplier	001	

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0018	Daily Profile Data Report	BSCP508	SVAA	Not Stated	001	
			SVAA	Supplier	001	
			SVAA Technical Specification	Supplier	001	
D0019	Metering System EAC/AA Data	BSCP504	NHHDC	Supplier	001	
			NHHDC	NHHDA	001	
			BSCP505	NHHDC	NHHDA	001
			NHHDA Technical Specification	NHHDC	NHHDA	001
D0022	Estimated Half Hourly Data Report	BSCP502	HHDC	LDSO	001	
			HHDC	Supplier	001	
D0023	Failed Instructions	BSCP501	HHDA	SMRA	001	
			NHHDA	SMRA	001	
			BSCP503	HHDA	SMRA	001
			BSCP504	NHHDA	NHHDC	001
			BSCP505	NHHDA	NHHDC	001
			NHHDA	NHHDA	SMRA	001
			NHHDA Technical Specification	NHHDA	SMRA	001
D0028	Standing Profile Data Report	BSCP504	SVAA	NHHDC	002	
			SVAA	Supplier	002	
			BSCP508	SVAA	NHHDC	002
			SVAA	Supplier	002	
			SVAA Technical Specification	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
D0030	Non Half Hourly DUoS Report	BSCP508	SVAA	LDSO	001	
			SVAA	Supplier	001	
			SVAA	NHHDC	001	
			SVAA	Supplier	001	
			SVAA	Supplier	001	

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0030	Non Half Hourly DUoS Report	BSCP508	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	
			HHDC	Supplier	001	
		BSCP503	HHDC	HHDA	001	
D0039	Daily Profile Coefficient File	BSCP504	SVAA	NHHDC	001	
		BSCP508	SVAA	NHHDC	001	
		EAC/AA Technical Specification	SVAA	NHHDC	001	
			SVAA Technical Specification	SVAA	NHHDC	001
D0040	Aggregated Half Hour Data File	BSCP503	HHDA	Supplier	002	
			HHDA	SVAA	002	
		BSCP508	HHDA	SVAA	002	
			SVAA Technical Specification	HHDA	SVAA	002
D0041	Supplier Purchase Matrix Data File	BSCP505	NHHDA	Supplier	001	
			NHHDA	SVAA	001	
			NHHDA	SVAA	001	
		BSCP508	NHHDA	NHHDA	Supplier	001
			NHHDA Technical Specification	NHHDA	SVAA	001
				SVAA Technical Specification	NHHDA	SVAA
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	

Flow Ref.	Data Flow Name	Source	From	To	Version
D0052	Affirmation of Metering System Settlement Details	BSCP520	UMSO	Supplier	002
D0055	Registration of Supplier to Specified Metering Point	BSCP501	Supplier	SMRA	001
D0057	Rejection of Registration	BSCP501	SMRS	Supplier	001
D0058	Notification of Termination of Supply Registration	BSCP501	SMRS	Supplier	001
D0071	Customer Own Reading or Supplier Estimate Reading on Change of Supplier	BSCP504	Supplier	NHHDC	001
			Supplier	Supplier	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
D0086	Notification of Change of Supplier Readings	BSCP504	NHHDC	LDSO	001
			NHHDC	NHHDC	001
			NHHDC	Supplier	001
D0095	Non Half Hourly Data Aggregation Exception Report	BSCP504	Supplier	NHHDC	001
		BSCP505	NHHDA	BSC Panel	001
			NHHDA	PAB	001
			NHHDA	Supplier	001
		NHHDA Technical Specification	NHHDA	Supplier	001



Flow Ref.	Data Flow Name	Source	From	To	Version
D0132	Request for Disconnection of Supply	BSCP515	Supplier	LDSO	001
D0134	Request to Change Energisation Status	BSCP504	Supplier	NHHMO	002
		BSCP514	Supplier	NHHMO	002
			Supplier	HHMO	002
			Supplier	LDSO	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	Supplier	001
			MOA	HHDC	001
			LDSO	MOA	001
			HHMO	HHDC	001
		BSCP504	LDSO	Supplier	001
			NHHMO	NHHDC	001
			LDSO	NHHDC	001
		BSCP514	LDSO	Supplier	001
			NHHMO	Supplier	001
			NHHMO	NHHDC	001
			NHHMO	LDSO	001
			LDSO	HHMO	001
			HHMO	Supplier	001
			HHMO	HHDC	001
HHMO	LDSO	001			
D0142	Request for Installation or Change to a Metering System Functionality or the Removal of All Meters	BSCP504	Supplier	LDSO	001
			Supplier	NHHMO	001
		BSCP514	Supplier	NHHMO	001
			Supplier	HHMO	001
D0148	Notification of Change to Other Parties	BSCP502	Supplier	Meter Administrator	001

Flow Ref.	Data Flow Name	Source	From	To	Version
D0148	Notification of Change to Other Parties	BSCP502	Supplier	HHDC	001
			Supplier	HHMO	001
		BSCP504	Supplier	NHHDC	001
			Supplier	HHDC	001
		BSCP514	Supplier	HHMO	001
			Supplier	NHHDC	001
			Supplier	NHHMO	001
			Supplier	LDSO	001
		BSCP520	Supplier	NHHDC	001
			Supplier	NHHDC	001
D0149	Notification of Mapping Details	BSCP504	NHHMO	Supplier	001
			NHHMO	LDSO	001
			NHHMO	NHHDC	001
		BSCP514	NHHMO	Supplier	001
			NHHMO	NHHMO	001
			NHHMO	NHHDC	001
			NHHMO	LDSO	001
			LDSO	NHHMO	001
			NHHMO	HHMO	001
			NHHMO	HHMO	001
D0150	Non Half Hourly Meter Technical Details	BSCP504	NHHMO	LDSO	001
			NHHMO	NHHDC	001
		BSCP514	NHHMO	Supplier	001
			NHHMO	NHHMO	001
			NHHMO	HHMO	001
			NHHMO	Supplier	001
			NHHMO	LDSO	001
			LDSO	NHHMO	001
			NHHMO	NHHDC	001
			NHHMO	NHHDC	001
D0151	Termination of Appointment or Contract by Supplier	BSCP502	Supplier	HHDC	001
			Supplier	NHHDC	001
		BSCP514	Supplier	HHMO	001
			Supplier	NHHMO	001
		BSCP520	Supplier	LDSO	001
			Supplier	NHHDA	001
			Supplier	NHHDC	001
			Supplier	NHHDC	001
D0152	Metering System EAC/AA Historical Data	BSCP504	NHHDC	NHHDC	001

Flow Ref.	Data Flow Name	Source	From	To	Version
D0152	Metering System EAC/AA Historical Data	BSCP504	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	001
		BSCP514	Supplier	HHMO	001
		BSCP520	Supplier	NHHMO	001
			Supplier	LDSO	001
D0170	Request for Metering System Related Details	BSCP502	HHDC	HHDC	001
		BSCP504	NHHDC	NHHDC	001
			NHHDC	Supplier	001
		BSCP514	NHHMO	HHMO	001
			Supplier	NHHMO	001
			Supplier	HHMO	001
			CDCA	HHMO	001
			NHHMO	NHHMO	001
			NHHMO	LDSO	001
			HHMO	LDSO	001
		BSCP515	HHMO	HHMO	001
			CVA MOA	HHMO	001
			HHMO	CVA MOA	001
			HHMO	NHHMO	001
		BSCP520	MOA	LDSO	001
BSCP520	NHHDC	NHHDC	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
		BSCP514	LDSO	Supplier	001
			MOA	Supplier	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0179	Confirmation of Energisation / De-energisation of Prepayment Meter	BSCP515	LDSO	Supplier	001	
			MOA	Supplier	001	
D0180	Request to Energise / De-energise / Shut down Prepayment Meter	BSCP514	Supplier	MOA	001	
			BSCP515	Supplier	MOA	001
D0194	Request for Installation of Key Meter	BSCP514	Supplier	MOA	001	
D0200	Request for Installation of Smart Card Meter	BSCP514	Supplier	MOA	001	
D0203	Rejection of Changes to Metering Point Details	BSCP501	SMRS	Supplier	001	
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	HHDA	001	
			SMRS	NHHDA	001	
			BSCP503	SMRS	HHDA	001
			BSCP505	SMRS	NHHDA	001
			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	LDSO	001	
			HHMO	Supplier	001	
			HHMO	HHDC	001	
			BSCP514	HHMO	HHDC	001
			HHMO	LDSO	001	
			HHMO	Supplier	001	
			HHMO	BSCCo	001	
D0215	Provision of Site Technical Details	BSCP514	LDSO	HHMO	001	
			LDSO	MOA	001	
			LDSO	NHHMO	001	

Flow Ref.	Data Flow Name	Source	From	To	Version
D0215	Provision of Site Technical Details	BSCP514	LDSO	Supplier	001
		BSCP515	LDSO	MOA	001
D0216	Request for Installation of Token Meter	BSCP514	Supplier	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	BSCP514	MOA	Supplier	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
D0262	Rejection of Disconnection	BSCP515	LDSO	Supplier	001
D0265	Line Loss Factor Data File	BSCP128	BSCCo	Supplier	001
			BSCCo	SVAA	001
			BSCCo	Not Stated	001
			BSCCo	HHDA	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	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0268	Half Hourly Meter Technical Details	BSCP502	HHMO	HHMO	001	
		BSCP514	HHMO	LDSO	001	
			HHMO	NHHMO	001	
			HHMO	Supplier	001	
			HHMO	HHDC	001	
			LDSO	HHMO	001	
			HHMO	CVA MOA	001	
			CVA MOA	HHMO	001	
			HHMO	HHMO	001	
			D0269	Market Domain Data Complete Set	BSCP502	SVAA
BSCP503 BSCP504 BSCP505 BSCP508	SVAA	HHDA			002	
	SVAA	NHHDC			002	
	SVAA	NHHDA			002	
	MDDM	HHDA			002	
	MDDM	SMRA			002	
	MDDM	HHMO			002	
	MDDM	SAA			002	
	MDDM	NHHMO			002	
	MDDM	Transmission Company			002	
	MDDM	NHHDC			002	
	MDDM	Supplier			002	
	MDDM	LDSO			002	
	SVAA	Not Stated			002	
	MDDM	The Authority			002	
	MDDM	FAA			002	
	MDDM	BSC Panel			002	
	MDDM	NHHDA			002	
	MDDM	HHDC			002	
	MDDM	SVAA			002	
	BSCP514	SVAA			NHHMO	002
		SVAA			HHMO	002
	NHHDA Technical Specification	SVAA			NHHDA	002
		SVAA			SVAA	002
	BSCP502	SVAA			HHDC	004
	BSCP503	SVAA			HHDA	004
	BSCP504	SVAA			NHHDC	004

Flow Ref.	Data Flow Name	Source	From	To	Version
D0269	Market Domain Data Complete Set	BSCP505	SVAA	NHHDA	004
		BSCP508	MDDM	Transmission Company	004
			SVAA	Not Stated	004
			MDDM	The Authority	004
			MDDM	SVAA	004
			MDDM	Supplier	004
			MDDM	SMRA	004
			MDDM	SAA	004
			MDDM	NHHMO	004
			MDDM	NHHDC	004
			MDDM	LDSO	004
			MDDM	HHMO	004
			MDDM	HHDC	004
			MDDM	HHDA	004
			MDDM	FAA	004
		MDDM	BSC Panel	004	
		MDDM	NHHDA	004	
		BSCP514	SVAA	HHMO	004
			SVAA	NHHMO	004
			SVAA	NHHDA	004
NHHDA Technical Specification	SVAA		SVAA	004	
D0270	Market Domain Data Incremental Set	BSCP502	SVAA	HHDC	002
		BSCP503	SVAA	HHDA	002
		BSCP504	SVAA	NHHDC	002
		BSCP505	SVAA	NHHDA	002
		BSCP508	MDDM	SVAA	002
			MDDM	SAA	002
			SVAA	Not Stated	002
			MDDM	SMRA	002
			MDDM	Supplier	002
			MDDM	NHHDC	002
			MDDM	The Authority	002
			MDDM	NHHDA	002
			MDDM	LDSO	002
			MDDM	Transmission Company	002
MDDM	HHMO	002			

Flow Ref.	Data Flow Name	Source	From	To	Version		
D0270	Market Domain Data Incremental Set	BSCP508	MDDM	BSC Panel	002		
			MDDM	NHHMO	002		
			MDDM	HHDA	002		
			MDDM	FAA	002		
				BSCP514	MDDM	HHDC	002
					SVAA	NHHMO	002
					SVAA	HHMO	002
				BSCP502	SVAA	HHDC	004
				BSCP503	SVAA	HHDA	004
				BSCP504	SVAA	NHHDC	004
				BSCP505	SVAA	NHHDA	004
				BSCP508	MDDM	Transmission Company	004
					MDDM	The Authority	004
					SVAA	Not Stated	004
					MDDM	Supplier	004
					MDDM	SVAA	004
					MDDM	FAA	004
					MDDM	NHHMO	004
					MDDM	BSC Panel	004
					MDDM	SMRA	004
					MDDM	HHDA	004
					MDDM	HHDC	004
					MDDM	HHMO	004
					MDDM	LDSO	004
					MDDM	NHHDA	004
					MDDM	NHHDC	004
					MDDM	SAA	004
		BSCP514	SVAA	NHHMO	004		
			SVAA	HHMO	004		
D0275	Validated Half Hourly Advances	BSCP502	HHDC	LDSO	001		
			HHDC	Supplier	001		
D0276	GSP Group Consumption Totals Report	BSCP508	SVAA	Supplier	002		
		SVAA Technical Specification	SVAA	Supplier	002		
D0277	Teleswitch Contact Interval Data File	017RIR	Teleswitch Agent	SVAA	001		
		BSCP508	Teleswitch Agent	SVAA	001		



Flow Ref.	Data Flow Name	Source	From	To	Version
D0277	Teleswitch Contact Interval Data File	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	SVAA	Supplier	001
D0280	Teleswitch Contact to Register Mapping File	017RIR	MDDM	Supplier	001
		BSCP508	MDDM	Supplier	001
D0286	Data Aggregation and Settlements Timetable File	BSCP505	MDDM	NHHDA	001
		BSCP508	MDDM	SVAA	001
		NHHDA Technical Specification	MDDM	NHHDA	001
		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
		BSCP514	Supplier	HHMO	001
			Supplier	HHDC	001
D0291	Notification of Register Readings On Change of Measurement Class Coincident with Change of Supplier	BSCP514	HHMO	NHHMO	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

Flow Ref.	Data Flow Name	Source	From	To	Version
D0295	Rejection of BM Unit Allocation	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	SVAA	002
			HHDA	Supplier	002
		BSCP508	HHDA	Supplier	002
			HHDA	SVAA	002
		Required Amendments to TS2 for NETA	HHDA	Supplier	002
			HHDA	SVAA	002
		SVAA Physical Design	HHDA	Supplier	002
			HHDA	SVAA	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	HHDA	001
			MDDM	Supplier	001
			MDDM	SVAA	001
D0300	Disputed Readings or Missing Readings on Change of Supplier	BSCP504	Supplier	NHHDC	002
			Supplier	Supplier	002

Flow Ref.	Data Flow Name	Source	From	To	Version
D0303	Notification of Meter Operator, Supplier and Metering Assets installed/removed by the MOP to the MAP	BSCP514	NHHMO	MAP	001
D0310	Notification of Failure to Load or Receive Metering System Settlement Details	BSCP504	NHHDC	Supplier	002
			NHHDC	UMSO	002
D0312	Notification of Meter Information to ECOES	BSCP514	HHMO	ECOES	001
			NHHMO	ECOES	001
D0313	Auxiliary Meter Technical Details	BSCP504	NHHMO	Supplier	001
			NHHMO	LDSO	001
			NHHMO	NHHDC	001
		BSCP514	NHHMO	LDSO	001
			NHHMO	NHHDC	001
			NHHMO	NHHMO	001
			NHHMO	Supplier	001
D0314	Non Half Hourly Embedded Network DUoS Report	BSCP508	SVAA	Host LDSO	001
D0354	Metering System Reporting Notification	BSCP503	SVAA	HHDA	001
D0355	Metering System Reporting Confirmation	BSCP503	HHDA	SVAA	001
D0367	Smart Meter Configuration Details	BSCP514	Supplier	NHHMO	001
D0369	Aggregated Disconnected DUoS Report	BSCP508	SVAA	LDSO	001
			SVAA	Supplier	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

Flow Ref.	Data Flow Name	Source	From	To	Version
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	SVAA	HHDC	001
BSCP503			HHDC	HHDA	001
		SVAA	HHDA	001	
		SVAA	HHDC	001	
		BSCP504	SVAA	NHHDC	001
SVAA			NHHDA	001	
BSCP508		Transmission Company	SVAA	001	
		SVAA	NHHDC	001	
		SVAA	HHDA	001	
		SVAA	HHDC	001	
		SVAA	NHHDA	001	
D0376	Supplier's Demand Disconnection Volume Data File	BSCP503	HHDA	Supplier	001
HHDA			SVAA	001	
BSCP508		HHDA	SVAA	001	
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	Supplier	001
			HHDA	SVAA	001
D0379	Half Hourly Advances UTC	BSCP502	HHDC	Supplier	001
			Supplier	HHDC	001
D0380	Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	BSCP502	HHDC	Supplier	001
			Supplier	HHDC	001
			HHDC	HHDA	001

Flow Ref.	Data Flow Name	Source	From	To	Version	
D0382	Rejection Response for Request to LDSO for Site Technical Details	BSCP514	LDSO	HHMO	001	
			LDSO	NHHMO	001	
		BSCP515	LDSO	MOA	001	
D0383	Notification of Commissioning information	BSCP514	HHMO	HHMO	001	
			LDSO	HHMO	001	
		BSCP515	LDSO	HHMO	001	
D0384	Notification of Commissioning status	BSCP514	Supplier	LDSO	001	
			Supplier	HHMO	001	
			HHMO	Supplier	001	
			HHMO	HHMO	001	
D0385	Metering System Half Hourly Metered Data	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	
			BSCP502	HHDC	MDDM	001
			BSCP503	HHDA	MDDM	001
			BSCP504	NHHDC	MDDM	001
			BSCP505	NHHDA	MDDM	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0024	Acknowledgement	BSCP508	NHHDC	MDDM	001
			Transmission Company	MDDM	001
			The Authority	MDDM	001
			SVAA	MDDM	001
			Supplier	MDDM	001
			NHHMO	MDDM	001
			SAA	MDDM	001
			SMRA	MDDM	001
			LDSO	MDDM	001
			HHMO	MDDM	001
			HHDC	MDDM	001
			HHDA	MDDM	001
			FAA	MDDM	001
			BSC Panel	MDDM	001
			NHHDA	MDDM	001
BSCP514	HHMO	MDDM	001		
	NHHMO	MDDM	001		
BSCP520	UMSO	MDDM	001		
P0027	Notification of Pending Work	BSCP504	Supplier	NHHDC	001
P0028	100 kW Demand Report	BSCP504	NHHDC	Supplier	001
			NHHDC	BSC Panel	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	BSCP508	SVAA	CDCA	001
			SVAA	HHDA	001
			SVAA	NHHDA	001
			SVAA	Sunset Provider	001
			SVAA	Teleswitch Agent	001

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

Flow Ref.	Data Flow Name	Source	From	To	Version	
P0035	Invalid Data	BSCP508	HHDA	BSC Service Desk	001	
			FAA	BSC Service Desk	001	
			BSC Panel	BSC Service Desk	001	
			SVAA	NHHDA	001	
			SAA	BSC Service Desk	001	
			BSCP514	HHMO	SVAA	001
				NHHMO	SVAA	001
BSCP520	UMSO	SVAA	001			
P0036	Default Data	BSCP508	SVAA	NHHDC	001	
			SVAA	Supplier	001	
P0037	Lack of MDD Receipt Confirmation	BSCP508	MDDM	BSC Service Desk	001	
P0039	Notification that Reports Delayed		SVAA	FAA	001	
			SVAA	LDSO	001	
			SVAA	Supplier	001	
			SVAA	Transmission Company	001	
P0040	Request Daily Profile Coefficient Data	BSCP504	NHHDC	SVAA	001	
		BSCP508	NHHDC	SVAA	001	
P0043	Default Teleswitch Data Report	BSCP504 BSCP508	SVAA	Supplier	001	
			SVAA	BSC Panel	001	
			SVAA	Supplier	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	
P0119	Deemed Meter Reads on CoS	PARMS	Supplier	PA Administrator	001	



Flow Ref.	Data Flow Name	Source	From	To	Version
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
P0142	SP04 - Installation of HH Metering	BSCP533	Supplier	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 UMSO	Customer Supplier	001 001
P0171	Request Creation of UMS Skeleton SMRS Record	BSCP520	SMRA UMSO	UMSO SMRA	001 001
P0175	Request to SMRA to Disconnect a UMS Metering Point	BSCP520	UMSO	SMRA	001
P0181	BM Unit Registration Data File	BSCP508	MDDM CRA CRA CRA	BSCCo MDDM MDDM MDDM	002 002 002 002
		Data Interface Spec between Stage 2 and the NETA NETA IDD Part2			
P0182	BM Unit Supplier Take Energy Volume Date File	110pzt - SVAA Tech Spec. BSCP508 Data Interface Spec between Stage 2 and the NETA NETA IDD Part2	SVAA SVAA SVAA SVAA	SAA SAA SAA SAA	001 001 001 001
P0183	Stage 2 NETA Acknowledgement Message	BSCP508	MDDM SAA SVAA SVAA SVAA MDDM SAA MDDM SAA	CRA SVAA CDCA CDCA CDCA CRA SVAA CRA SVAA	001 001 001 001 001 001 001 001 001
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	HHDA	001
			MDDM	HHDC	001
			MDDM	LDSO	001
			MDDM	Supplier	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	Registrant (SVA)	Transfer Co-ordinator	001
			Transfer Co-ordinator	Registrant (CVA)	001
			Transfer Co-ordinator	LDSO	001
			Transfer Co-ordinator	CRA	001
			Transfer Co-ordinator	CDCA	001
			LDSO	Transfer Co-ordinator	001
			Registrant (CVA)	Transfer Co-ordinator	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0198	Registration Transfer from SMRS to CMRS	BSCP68	Registrant (CVA)	CDCA	001
			CRA	Transfer Co-ordinator	001
			CDCA	Transfer Co-ordinator	001
			Registrant (CVA)	CRA	001
P0199	Registration Transfer from CMRS to SMRS	BSCP68	Registrant (SVA)	CDCA	001
			Transfer Co-ordinator	Registrant (CVA)	001
			Transfer Co-ordinator	LDSO	001
			Transfer Co-ordinator	CRA	001
			Transfer Co-ordinator	Registrant (SVA)	001
			Transfer Co-ordinator	CDCA	001
			LDSO	Transfer Co-ordinator	001
			CRA	Transfer Co-ordinator	001
			CDCA	Transfer Co-ordinator	001
			Registrant (SVA)	Transfer Co-ordinator	001
Registrant (SVA)	CRA	001			
P0200	Registration Transfer Validation Details	BSCP68	Transfer Co-ordinator	LDSO	001
			Transfer Co-ordinator	Registrant (CVA)	001
			Transfer Co-ordinator	CRA	001
			Transfer Co-ordinator	CDCA	001
			LDSO	Transfer Co-ordinator	001
			CRA	Transfer Co-ordinator	001
			CDCA	Transfer Co-ordinator	001
			Transfer Co-ordinator	Registrant (SVA)	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	BSCP502	HHDC	BSCCo	001
P0209	Summary of NHH BM Unit Allocations	BSCP507	SVAA	BSCCo	001
P0210	TUoS Report (HH/NHH Split)	BSCP508	SVAA	Transmission Company	002
		SVAA Technical Specification	SVAA	Transmission Company	002
P0211	Site Visit Rejection	BSCP514	LDSO	Supplier	001
			NHHMO	Supplier	001
			HHMO	Supplier	001
		BSCP515	LDSO	Supplier	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

Flow Ref.	Data Flow Name	Source	From	To	Version
P0218	Collated Supplier UMS Registrations	BSCP520	UMSO	Supplier	001
P0219	Standing Data Changes for Supplier in a GSP group	BSCP507	Supplier	BSCCo	002
			SVAA Supplier	Supplier SVAA	002 002
			SVAA	BSCCo	002
P0220	Standing Data Changes for Supplier/Data Aggregator in a GSP group	BSCP507	Supplier	BSCCo	002
			Supplier SVAA	SVAA BSCCo	002 002
			SVAA	Supplier	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
P0224	SP11 - Timely Appointment of Agents	BSCP533	NHHDC	PA Administrator	001
			HHMO	PA Administrator	001
			HHDC	PA Administrator	001
			NHHMO	PA Administrator	001
P0225	SP12 - Timely Notification of Changes of the Data Aggregator via D0148	BSCP533	HHDC	PA Administrator	001
			NHHDC	PA Administrator	001
P0226	SP13 - Timely Notification of Changes of the Meter Operator Agent via D0148	BSCP533	HHDC	PA Administrator	001
			NHHDC	PA Administrator	001

Flow Ref.	Data Flow Name	Source	From	To	Version
P0227	SP14 - Timely Notification of Changes of the Data Collector via D0148	BSCP533	HHMO	PA Administrator	001
			NHHMO	PA Administrator	001
P0228	SP15 - Missing Appointments of Agents	BSCP533	HHDC	PA Administrator	001
			HHMO	PA Administrator	001
			NHHDC	PA Administrator	001
			NHHMO	PA Administrator	001
P0229	HM11 - Timely Sending of HH MTDs to HHDCs	BSCP533	HHDC	PA Administrator	001
P0230	HM12 - Missing HH MTDs	BSCP533	HHDC	PA Administrator	001
			HHMO	PA Administrator	001
P0231	HM13 - Quality of HH MTDs	BSCP533	HHDC	PA Administrator	001
P0232	HM14 - Timely HH Meter Investigation Requests	BSCP533	HHDC	PA Administrator	001
P0233	NM11 - Timely Sending of NHH MTDs to NHHDCs	BSCP533	NHHDC	PA Administrator	001
P0234	NM12 - Missing NHH MTDs	BSCP533	NHHDC	PA Administrator	001
			NHHMO	PA Administrator	001
P0235	NC11 - Missing NHH Meter Reads & History from Old NHHDC to New NHHDC	BSCP533	NHHDC	PA Administrator	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

Flow Ref.	Data Flow Name	Source	From	To	Version
P0238	MSIDs affected by Demand Control Event	BSCP502	LDSO	BSCCo	001
			BSCCo	SVAA	001
		BSCP503	BSCCo	HHDC	001
			BSCCo	HHDA	001
			BSCCo	HHDA	001
			BSCCo	HHDC	001
		BSCP504	LDSO	BSCCo	001
			BSCCo	NHHDA	001
			BSCCo	NHHDC	001
			BSCCo	SVAA	001
			LDSO	BSCCo	001
			BSCP505	BSCCo	SVAA
		BSCP508 BSCP515	LDSO	BSCCo	001
			BSCCo	NHHDC	001
			BSCCo	NHHDA	001
			LDSO	SVAA	001
			BSCCo	HHDA	001
			BSCCo	HHDC	001
			BSCCo	NHHDA	001
			BSCCo	NHHDC	001
BSCCo	SVAA		001		
LDSO	BSCCo		001		
P0239	Mapping Data for HH Aggregated Metering Systems	BSCP507 BSCP508	LDSO	SVAA	001
			LDSO	SVAA	001
P0241	Disconnected DSBR and Non-BM STOR MPANs	N/A	Transmission Company	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



Flow Ref.	Data Flow Name	Source	From	To	Version
P0279	Confirmation of MSID Pair Allocation	BSCP602	SVAA	Supplier	001
			SVAA	VLP	001
P0280	Rejection of MSID Pair Allocation	BSCP602	SVAA	Supplier	001
			SVAA	VLP	001
P0281	Loss of MSID Pair Allocation	BSCP602	SVAA	Supplier	001
			SVAA	VLP	001
P0282	MSID Pair Delivered Volume Notification	BSCP602	VLP	SVAA	001
P0283	Rejection of MSID Pair Delivered Volume	BSCP602	SVAA	VLP	001
P0284	Confirmation of MSID Pair Delivered Volume	BSCP602	SVAA	VLP	001
P0285	MSID Pair Delivered Volume Exception Report	BSCP602	SVAA	VLP	001
P0286	Disputed MSID Pair Allocation	BSCP602	VLP	VLP	001
P0287	Secondary Half Hourly Delivered Volumes	BSCP508	SVAA	Supplier	001
P0288	Secondary Half Hourly Consumption Volumes	BSCP508	SVAA	VLP	001
P0289	Secondary BM Unit Demand Volumes	BSCP508	SVAA	SAA	001
P0290	Secondary BM Unit Delivered Volumes	BSCP508	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

<b>Flow Ref.</b>	<b>Data Flow Name</b>	<b>Source</b>	<b>From</b>	<b>To</b>	<b>Version</b>
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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**100 kW Demand Report**

P0028

001

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

**Acknowledgement**

P0024

001

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	NHHDA	MDDM	
	Acknowledgement	NHHDC	MDDM	
	Acknowledgement	NHHMO	MDDM	
	Acknowledgement	SAA	MDDM	
	Acknowledgement	SMRA	MDDM	
	Acknowledgement	Supplier	MDDM	
	Acknowledgement	SVAA	MDDM	
	Acknowledgement	The Authority	MDDM	
	Acknowledgement	Transmission Company	MDDM	
BSCP514	Acknowledgement	HHMO	MDDM	
	Acknowledgement	NHHMO	MDDM	
BSCP520	Acknowledgement	UMSO	MDDM	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
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**Acknowledgement**

P0024

001

Structure not specified

Acknowledgement Details

To Participant Id

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

**Annual GSP Group Take**

P0125

001

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>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			Yes

<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
		Test Data Flag		
ZP2	Data File Additional Header	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

**BM Unit Disconnected Supplier Take Energy Volume Data File**

P0237

001

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

**BM Unit Registration Data File**

P0181

002

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>	<b>P0181</b>	<b>002</b>
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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		GS7	
	Record Type			
	GSP Group Id			
SUP	Supplier Detail		SUP	
	Record Type			
	Supplier Id			
BMU	BM Unit	See note 1.	BMU	
	Record Type			
	BM Unit Id			
	Effective From Settlement Date {BMUIGG}			
	Effective To Settlement Date {BMUIGG}			Yes
	Default BM Unit Flag			
ZPT	File Footer		ZPT	
	Record Type			
	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}

<b>Record:</b>	<b>order on:</b>	<b>order:</b>
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 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	

**BM Unit SVA Gross Demand Data File**

P0236

001

Record Type  
Record Count  
Checksum

ZPT

**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)

**BSC Agent Details**

P0194

001

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

**BSC Agent Details**

P0194

001

ZZZ	ZZZ Footer	Fax No		Yes
		E-Mail Address		Yes
		Record Type	ZZZ	
		Record Count		
		Checksum		



**BSCCo GSP Group Consumption Totals Report**

P0276

001

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	

**BSCCo GSP Group Consumption Totals Report**

P0276

001

		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	Record Code	SPX	
		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	Record Code	ZPT	
		Record Count		
		Checksum		

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

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

GSP\_set ::= CCC {SPX}

**BSCCo GSP Group Consumption Totals Report**

P0276

001

**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

**CM01 - CVA MOA Proving Tests**

P0133

001

Source Document	Known as	From	To	Comment
BSCP533	CM01 - CVA MOA Proving Tests	CDCA	PA Administrator	

**CM02 - CVA MOA Fault Resolution**

P0134

001

**Source Document**

BSCP533

**Known as**

CM02 - CVA MOA Fault Resolution

**From**

CDCA

**To**

PA Administrator

**Comment**

**Collated Supplier UMS Registrations**

P0218

001

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

**Confirmation of MSID Pair Allocation**

P0279

001

Source Document	Known as	From	To	Comment
BSCP602	Confirmation of MSID Pair Allocation	SVAA	Supplier	
	Confirmation of MSID Pair Allocation	SVAA	VLP	

**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:**



**Confirmation of MSID Pair Allocation**

P0279

001

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

**Confirmation of MSID Pair Delivered Volume**

P0284

001

Source Document	Known as	From	To	Comment
BSCP602	Confirmation of MSID Pair Delivered Volume	SVAA	VLP	

**Data Requirement from BSC Procedures:**

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

**Data Aggregator in a GSP Group**

P0031

001

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	

**Data Collector in a GSP Group**

P0032

001

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	

**Deappointment and Deregistration of MOA(s) in CRA**

P0205

001

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.

**Deemed Meter Advance File**

PDEX\_

001

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)		

**Deemed Meter Advance File**

PDEX\_

001

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}			



**Deemed Meter Advance Request File**

PDRQ\_

001

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

**Source Document**

PARMS

**Known as**

Deemed Meter Reads on CoS

**From**

Supplier

**To**

PA Administrator

**Comment**

**Deemed Take Apportionment (Sup Cap Take)**

P0120

002

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 Supplier 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	SVAA	NHHDC	
	Default Data	SVAA	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	

**Default Teleswitch Data Report**

P0043

001

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	

**Disconnected DSBR and Non-BM STOR MPANs**

P0241

001

Source Document	Known as	From	To	Comment
N/A	Disconnected DSBR and Non-BM STOR MPANs	Transmission Company	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 Transmission Company		
	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 DSBR and Non-BM STOR MPANs**

P0241

001

**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.

**Disputed MSID Pair Allocation**

P0286

001

Source Document	Known as	From	To	Comment
BSCP602	Disputed MSID Pair Allocation	VLP	VLP	

**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



**DPI - Data Provider Information**

P0135

001

**Source Document**

BSCP533

**Known as**

DPI - Data Provider Information

**From**

Supplier

**To**

PA Administrator

**Comment**

**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		

**EAC Data to Distributor Report**

P0222

001

	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:**

**EAC Data to Distributor Report**

P0222

001

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

<b>EAC/AA File</b>	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			

<b>EAC/AA File</b>	PEEX_	001
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	Annualised Advance	Software uses Num(12,1)	
	Estimated Annual Consumption	Software uses Num(12,1)	Yes
ZPT	Record Code		ZPT
File Footer	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		
SRD		Effective From Settlement Date {MSGG}		
		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

**Energy Breakdown (BM Unit)**

P0214

001

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

**Version History:**

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

**Estimation Due to High Energy Recorded**

P0208

001

Source Document	Known as	From	To	Comment
BSCP502	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

**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

<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.

**GSP Group Correction Factor**

P0048

001

Source Document	Known as	From	To	Comment
Pool Application Functional Spec	GSP Group Correction Factor	SVAA	BSCCo	

**Version History:**

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



**GSP Group Market Matrix Report**

P0277

001

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			

**GSP Group Market Matrix Report**

P0277

001

GSP	GSP Group	SSR Run Number	
		SSR Run Type Id	
		Record Code	GSP
		GSP Group Id	
		GSP Group Name	
CON	Consumption Data	Record Code	CON
		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	
ZPT	File Footer	Record Code	ZPT
		Record Count	
		Checksum	

**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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**GSP Group Market Matrix Report**

P0277

001

change takes effect		
42.0	P315	Flow created
43.0	P315	Correction to flow structure

**GSP Group Profile Class Default EAC**

P0223

001

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

**GSP Group Profile Class Tolerances**

P0190

001

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.



**Half Hourly Default EAC**

P0186

001

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

**HH Unmetered Supply Certificate**

P0170

001

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

**HH Unmetered Supply Certificate**

P0170

001

- 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>HM11 - Timely Sending of HH MTDs to HHDCs</b>	P0229	001
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<b>Source Document</b> BSCP533	<b>Known as</b> HM11 - Timely Sending of HH MTDs to HHDCs	<b>From</b> HHDC	<b>To</b> PA Administrator	<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
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 Release).

**HM12 - Missing HH MTDs**

P0230

001

Source Document	Known as	From	To	Comment
BSCP533	HM12 - Missing HH MTDs	HHDC	PA Administrator	
	HM12 - Missing HH MTDs	HHMO	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 Release).

<b>HM13 - Quality of HH MTDs</b>	P0231	001
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<b>Source Document</b> BSCP533	<b>Known as</b> HM13 - Quality of HH MTDs	<b>From</b> HHDC	<b>To</b> PA Administrator	<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
34.0	CP1334	New flow for New PARMS Serial implemented on 01 July 2011 (as part of June 2011 Release).

**HM14 - Timely HH Meter Investigation Requests**

P0232

001

Source Document	Known as	From	To	Comment
BSCP533	HM14 - Timely HH Meter Investigation Requests	HHDC	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 Release).

**Invalid Data**
**P0035**
**001**

Source Document	Known as	From	To	Comment
BSCP502	Invalid Data	HHDC	MDDM	
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	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	
	Invalid Data	SVAA	BSC Service Desk	
	Invalid Data	SVAA	BSCCo	



<b>Invalid Data</b>	P0035	001
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	Invalid Data	SVAA	HHDA
	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
	Invalid Data	Transmission Company	BSC Service Desk
BSCP514	Invalid Data	HHMO	SVAA
	Invalid Data	NHHMO	SVAA
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

<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
24.0	CP1155	Changes to UMS-related P-flows
46.0	CP1484	Added flow instances between SVAA and NHHDA/HHDA

<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	MOA	NHHDC	
	P0192 Invalid Meter Reading / AA / EAC	Supplier	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

**Issue Registration Report**

P0195

001

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			

**Issue Registration Report**

P0195

001

BP1	BSC Service Agent Details	Registration Type		
		Record Type	BP1	
		Action Description		Yes
		Registration Status		
		Agent Name		
		Agent Id		
SR4	Service Agent Role Details	Record Type	SR4	
		Agent Type		
		Registration Effective From Date		
		Registration Effective To Date		Yes
SA1	Role Address Details	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
		Fax No		Yes
		E-Mail Address		Yes
ZZZ	ZZZ Footer	Record Type	ZZZ	
		Record Count		
		Checksum		

<b>Issue Registration Report</b>	P0195	001
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**Lack of MDD Receipt Confirmation**

P0037

001

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	

**Loss of MSID Pair Allocation**

P0281

001

Source Document	Known as	From	To	Comment
BSCP602	Loss of MSID Pair Allocation	SVAA	Supplier	
	Loss of MSID Pair Allocation	SVAA	VLP	

**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:**



**Loss of MSID Pair Allocation**

P0281

001

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

**Mapping Data for HH Aggregated Metering Systems**

P0239

001

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		
LLF LLF/SSC Mapping	Creation Time			
	Record Code		LLF	
	Distributor Id			
	Line Loss Factor Class Id			
SSC Standard Settlement Configuration	Standard Settlement Configuration Id			
	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			

**Mapping Data for HH Aggregated Metering Systems**

P0239

001

CKI Clock Intervals

Record Code  
Day of the Week Id  
Start Day  
Start Month  
End Day  
End Month  
Start Time  
End Time

CKI

ZPT File Footer

Record Code  
Record Count  
Checksum

ZPT

**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

**Missing Data**

P0034

001

Source Document	Known as	From	To	Comment
BSCP508	Missing Data	SVAA	CDCA	
	Missing Data	SVAA	HHDA	
	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	

**MSID Pair Allocation**

P0278

001

Source Document	Known as	From	To	Comment
BSCP602	MSID Pair Allocation MSID Pair Allocation	Supplier VLP	SVAA 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:**

**MSID Pair Allocation**

P0278

001

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

**MSID Pair Delivered Volume Exception Report**

P0285

001

Source Document	Known as	From	To	Comment
BSCP602	MSID Pair Delivered Volume Exception Report	SVAA	VLP	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specivied	BM Unit Id	
	GSP Group Id	
	MSID Pair Id	
	Import MSID	
	Export MSID	
	Settlement Date	
	Settlement Period Id	
	Delivered Volume	
	Delivered Volume Exception Reason	

**Version History:**

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



**MSID Pair Delivered Volume Notification**

P0282

001

Source Document	Known as	From	To	Comment
BSCP602	MSID Pair Delivered Volume Notification	VLP	SVAA	

**Data Requirement from BSC Procedures:**

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

**MSIDs affected by Demand Control Event**

P0238

001

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,

**MSIDs affected by Demand Control Event**

P0238

001

**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>NC11 - Missing NHH Meter Reads &amp; History from Old NHHDC to New NHHDC</b>	P0235	001
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<b>Source Document</b> BSCP533	<b>Known as</b> NC11 - Missing NHH Meter Reads & History from	<b>From</b> NHHDC	<b>To</b> PA Administrator	<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
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 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	

**NHH Unmetered Supply Certificate**

P0207

001

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



**NM11 - Timely Sending of NHH MTDs to NHHDCs**

P0233

001

Source Document	Known as	From	To	Comment
BSCP533	NM11 - Timely Sending of NHH MTDs to NHHDCs	NHHDC	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMS Serial implemented on 01 July 2011 (as part of June 2011 Release).

**NM12 - Missing NHH MTDs**

P0234

001

Source Document	Known as	From	To	Comment
BSCP533	NM12 - Missing NHH MTDs NM12 - Missing NHH MTDs	NHHDC NHHMO	PA Administrator PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMS Serial implemented on 01 July 2011 (as part of June 2011 Release).

**Notification of Incorrect Register Mapping**

P0216

001

Source Document	Known as	From	To	Comment
BSCP504	Notification of Incorrect Register Mapping	NHHDC	Supplier	TBC
	Notification of Incorrect Register Mapping	Supplier	NHHDC	

**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

<b>Notification of Incorrect Register Mapping</b>	P0216	001
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**Notification of Long Term Vacant Site**

P0221

001

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

**Notification of Pending Work**

P0027

001

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	

**Notification that Reports Delayed**

P0039

001

Source Document	Known as	From	To	Comment
	Notification that Reports Delayed	SVAA	FAA	
	Notification that Reports Delayed	SVAA	LDSO	
	Notification that Reports Delayed	SVAA	Supplier	
	Notification that Reports Delayed	SVAA	Transmission Company	

**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	

**Operations Registration Report**

P0193

001

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	
	Transmission Company 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}	



**Operations Registration Report**

P0193

001

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	

**Operations Registration Report**

P0193

001

		Proportion of Losses		
		Effective From Date {POL}		
TU2	Trading Unit Registration	Record Type		TU2
		Trading Unit Name		
BR3	BM Unit Registration	Record Type		BR3
		BM Unit Id		
		BM Unit Type		Yes
		Lead Party Id		Yes
		Transmission Company 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

**Operations Registration Report**

P0193

001

	Interconnector Id		
	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

**PARMS Market Domain Data**

P0136

001

**Source Document**

BSCP533

**Known as**

PARMS Market Domain Data

**From**

SVAA

**To**

PA Administrator

**Comment**

<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	

**Profile Data File**

P0015

001

		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

**Registration Transfer from CMRS to SMRS**

P0199

001

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	

**Registration Transfer from CMRS to SMRS**

P0199

001

	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.



**Registration Transfer from SMRS to CMRS**

P0198

001

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	

**Registration Transfer from SMRS to CMRS**

P0198

001

	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.

**Registration Transfer MPAN Details**

P0204

001

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	

**Registration Transfer Standing Data Report**

P0203

001

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.

**Registration Transfer Validation Details**

P0200

001

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

**Registration Transfer Validation Details**

P0200

001

**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.

**Regression Equations Data File**

P0014

001

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		

**Regression Equations Data File**

P0014

001

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

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

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



**Rejection of MSID Pair Allocation**

P0280

001

Source Document	Known as	From	To	Comment
BSCP602	Rejection of MSID Pair Allocation	SVAA	Supplier	
	Rejection of MSID Pair Allocation	SVAA	VLP	

**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:**

**Rejection of MSID Pair Allocation**

P0280

001

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

**Rejection of MSID Pair Delivered Volume**

P0283

001

Source Document	Known as	From	To	Comment
BSCP602	Rejection of MSID Pair Delivered Volume	SVAA	VLP	

**Data Requirement from BSC Procedures:**

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

**Version History:**

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

**Request Creation of UMS Skeleton SMRS Record**

P0171

001

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

**Request Daily Profile Coefficient Data**

P0040

001

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	

**Request to SMRA to Disconnect a UMS Metering Point**

P0175

001

Source Document	Known as	From	To	Comment
BSCP520	Request to SMRA to Disconnect a UMS Metering P	UMSO	SMRA	from UMSO

**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

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	



**SAA Data Exception Report**

P0187

001

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			

**SAA Data Exception Report**

P0187

001

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

<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

**Secondary BM Unit Delivered Volumes**

P0290

001

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

**Secondary BM Unit Demand Volumes**

P0289

001

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

**Secondary Half Hourly Consumption Volumes**

P0288

001

Source Document	Known as	From	To	Comment
BSCP508	Secondary Half Hourly Consumption Volumes	SVAA	VLP	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
	Metering System Id	
	Settlement Period Id	
	Consumption Component Class Id	
	Secondary Half Hourly Consumption (non-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

**Secondary Half Hourly Delivered Volumes**

P0287

001

Source Document	Known as	From	To	Comment
BSCP508	Secondary Half Hourly Delivered Volumes	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	
	BM Unit Id	
	Metering System Id	
	Settlement Period Id	
	Consumption Component Class Id	
	Secondary Half Hourly Delivered (non-losses)	
	Secondary Half Hourly Delivered (losses)	

**Version History:**

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

**Site Visit Rejection**

P0211

001

Source Document	Known as	From	To	Comment
BSCP514	Site Visit Rejection	HHMO	Supplier	
	Site Visit Rejection	LDSO	Supplier	
	Site Visit Rejection	NHHMO	Supplier	
BSCP515	Site Visit Rejection	LDSO	Supplier	

**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	



**SP04 - Installation of HH Metering**

P0142

001

**Source Document**

BSCP533

**Known as**

SP04 - Installation of HH Metering

**From**

Supplier

**To**

PA Administrator

**Comment**

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

**SP07 - SMRA & SVAA MSID Count - SVAA File**

P0164

001

**Source Document**

BSCP533

**Known as**

SP07 - SMRA & SVAA MSID Count - SVAA File

**From**

SVAA

**To**

PA Administrator

**Comment**

**SP08 - Energy and MSIDs on Actuals**

P0145

002

**Source Document**

BSCP533

**Known as**

SP08 - Energy and MSIDs on Actuals

**From**

SVAA

**To**

PA Administrator

**Comment**

**SP09 - NHH Defaults**

P0146

001

**Source Document**

BSCP533

**Known as**

SP09 - NHH Defaults

**From**

SVAA

**To**

PA Administrator

**Comment**

**SP11 - Timely Appointment of Agents**

P0224

001

Source Document	Known as	From	To	Comment
BSCP533	SP11 - Timely Appointment of Agents	HHDC	PA Administrator	
	SP11 - Timely Appointment of Agents	HHMO	PA Administrator	
	SP11 - Timely Appointment of Agents	NHHDC	PA Administrator	
	SP11 - Timely Appointment of Agents	NHHMO	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMS Serial implemented on 01 July 2011 (as part of June 2011 Release).

**SP12 - Timely Notification of Changes of the Data Aggregator via D0148**

P0225

001

Source Document	Known as	From	To	Comment
BSCP533	SP12 - Timely Notification of Changes of the Data SP12 - Timely Notification of Changes of the Data	HHDC NHHDC	PA Administrator PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 Release).

<b>SP13 - Timely Notification of Changes of the Meter Operator Agent via D014</b>	P0226	001
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Source Document	Known as	From	To	Comment
BSCP533	SP13 - Timely Notification of Change of the Meter SP13 - Timely Notification of Change of the Meter	HHDC NHHDC	PA Administrator PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 Release).



**SP14 - Timely Notification of Changes of the Data Collector via D0148**

P0227

001

Source Document	Known as	From	To	Comment
BSCP533	SP14 - Timely Notification of Changes of the Data SP14 - Timely Notification of Changes of the Data	HHMO NHHMO	PA Administrator PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMs Serial implemented on 01 July 2011 (as part of June 2011 Release).

**SP15 - Missing Appointments of Agents**

P0228

001

Source Document	Known as	From	To	Comment
BSCP533	SP15 - Missing Appointments of Agents	HHDC	PA Administrator	
	SP15 - Missing Appointments of Agents	HHMO	PA Administrator	
	SP15 - Missing Appointments of Agents	NHHDC	PA Administrator	
	SP15 - Missing Appointments of Agents	NHHMO	PA Administrator	

**Version History:**

Catalogue release change takes effect	Mod/CP No.	Brief description of the change and its reason
34.0	CP1334	New flow for New PARMS Serial implemented on 01 July 2011 (as part of June 2011 Release).

**Stage 2 NETA Acknowledgement Message**

P0183

001

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			

**Stage 2 NETA Acknowledgement Message**

P0183

001

		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

**Stage 2 NETA Acknowledgement Message**

P0183

001

**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

<b>Standing Data Changes for Supplier in a GSP group</b>
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P0219
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002
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**Standing Data Changes for Supplier/Data Aggregator in a GSP group**

P0220

002

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



**Standing Data Changes for Supplier/Data Aggregator in a GSP group**

P0220

002

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

**Summary of NHH BM Unit Allocations**

P0209

001

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

**Sunset Data File**

P0011

001

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	

**Sunset Data File**

P0011

001

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 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	

**Supplier Quarterly Volume Report**

P0275

001

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		
	Creation Time			
HDR Report Data	Record Code		HDR	
	Quarter Id			
	Settlement Run From Date			
	Settlement Run End Date			
	Number of Days in Quarter			
	Days of Data Available for Quarterly Report			
SUP Supplier Details	Record Code		SUP	
	Supplier Id			
	Supplier Volume Reporting Group			
	Quarterly Average MPAN Count			
	Quarterly Volume in MWh			
ZPT File Footer	Record Code		ZPT	
	Record Count			
	Checksum			

**Supplier Quarterly Volume Report**

P0275

001

**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

**Suppliers Trading / Ceased Trading in GSP Group**

P0127

001

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



**TA01 - GSP Group Correction Factor**

P0137

001

**Source Document**

BSCP533

**Known as**

TA01 - GSP Group Correction Factor

**From**

SVAA

**To**

PA Administrator

**Comment**

**TA02 - Annual Demand Ratio**

P0138

001

Source Document	Known as	From	To	Comment
BSCP533	TA02 - Annual Demand Ratio	SVAA	PA Administrator	

**Temperature Data**

P0033

001

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	002
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Source Document	Known as	From	To	Comment
BSCP508	TUoS Report (HH/NHH Split)	SVAA	Transmission Company	
SVAA Technical Specification	TUoS Report (HH/NHH Split)	SVAA	Transmission Company	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
Structure not specified	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	
	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	

**TUoS Report (HH/NHH Split)**

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002

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		
	To Participant Id	Transmission Authority Id		
ZPD Data File Additional Header	Creation Time	Time report processing started		
	Record Type		ZPD	
	Settlement Date			
	Settlement Code			
	Run Type Code			
	Run Number			
	GSP Group Id		Null	

<b>TUoS Report (HH/NHH Split)</b>	<b>P0210</b>	<b>002</b>
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RDT	Report Parameters	Record Type		RDT
		User Name		
HDR	Additional Header Details	Report Parameters	Input SVA Run Number	HDR
		Record Type		
		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	
		Period Corrected Supplier Deemed Take		Yes
		Period Non-Corrected Supplier Deemed Take		Yes
TOT	Total Detail	Record Type		TOT
		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		Record Type		BMU

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HHH		BM Unit Id	
		Default BM Unit Flag	
HHH		Record Type	HHH
		Settlement Period Id	
		Settlement Period Label	
		Period BMU HH Allocated Volume	
		Period BMU NHH Allocated Volume	
TO2		Record Type	TO2
		Daily HH Allocated Volume	
		Daily NHH Allocated Volume	
MCL	Measurement Class	Record Type	MCL
		Measurement Class Id	Only HH MC are reported, i.e. 'C', 'D', 'E', 'F', and 'G'
HHB		Record Type	HHB
		Settlement Period Id	46, 48 or 50 values
		Settlement Period Label	
		Period BMU Gross HH Demand	
		Period BMU Gross HH Embedded Export	
TO3		Record Type	TO3
		Daily BMU Gross HH Demand	
		Daily BMU Gross HH Embedded Export	
ZPT	File Footer	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

**Record:**    **order on:**

BMU            BM Unit Id

**order:**

Ascending

**TUoS Report (HH/NHH Split)**

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002

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

<u>Record:</u>	<u>order on:</u>	<u>order:</u>
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.

4 As part of the implementation of P348/P349, the 'BMU Gross HH Demand' and 'BMU Gross HH Embedded Export' items in the HHB and TO3 groups are reported with nil/zero values (specifically '0.0000') in cases where SVAA would ordinarily 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
7.0	P91	Extension to data provided to the transmission company in the TUoS report
47.0	P348/349	Inclusion of new groups and data items to enable the reporting of gross import and exports to support the implementation of CUSC Modification Proposals CMP264/265



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