Redlined Extract of SVA Data Catalogue Volume 1 v39.0 showing changes proposed by P305

SVA Data Catalogue Volume 1: Data Interfaces Appendix A

Flow Ref.	Data Flow Name	Source	From	To	Version
D0371	Supplier - Supplier Disconnection Matrix Report	BSCP508	SVAA	Supplier	001
D0372	Aggregated Embedded Network Disconnected DUoS Report	BSCP508	SVAA	Host LDSO	001
D0373	GSP Group Demand Disconnection Totals Report	BSCP508	SVAA	Supplier	001
D0374	Supplier BM Unit Demand Disconnection Report	BSCP508	SVAA	Supplier	001
D0375	Disconnected MSIDs and Estimated Half Hourly Demand Volumes	BSCP502	HHDC	HHDA	001
			SVAA	HHDC	001
		BSCP503	SVAA	HHDC	001
			SVAA	HHDA	001
			HHDC	HHDA	001
		BSCP504	SVAA	NHHDC	001
			SVAA	NHHDA	001
		BSCP505	SVAA	NHHDC	001
			SVAA	NHHDA	001
		BSCP508	Transmission Company	SVAA	001
			SVAA	HHDC	001
			SVAA	HHDA	001
			SVAA	NHHDC	001
			SVAA	NHHDA	001
D0376	Supplier's Demand Disconnection Volume Data File	BSCP503	HHDA	SVAA	001
			HHDA	Supplier	001
		BSCP508	HHDA	SVAA	001
D0377	Disconnection Purchase Matrix data File	BSCP5045	NHHDA	SVAA	001
		BSCP508	NHHDA	SVAA	001

Flow Ref.	Data Flow Name	Source	From	To	Version
D0378	BM Unit Aggregated Half Hour Demand Disconnection Data File	BSCP503	==HHDA==	==SVAA==	001
				==Supplier==	001
D0369	Aggregated Disconnected DUoS Report	BSCP508	SVAA	LDSO	001
			SVAA	Supplier	001
D0370	Supplier Half Hourly Demand Disconnection Report	BSCP508	SVAA	Supplier	001
P0237	BM Unit Disconnected Supplier Take Energy Volume Data File	BSCP508	SVAA	SAA	001
P0238	MSIDs affected by Demand Control Event	BSCP502	LDSO	BSCCo	001
			~~LDSO~~BSCCo	HHDC	001
			BSCCo~~LDSO~~	HHDA	001
				SVAA	001
			BSCCo~~LDSO~~		
		BSCP503	LDSO	BSCCo	001
			BSCCo~~LDSO~~	HHDC	001
				HHDA	001
			BSCCo~~LDSO~~		
		BSCP504	LDSO	BSCCo	001
			BSCCo~~LDSO~~	NHHDC	001
				NHHDA	001
			BSCCo	SVAA	001
			BSCCo~~LDSO~~		
		BSCP505	LDSO	BSCCo	001
			BSCCo~~LDSO~~	NHHDC	001
			BSCCo~~LDSO~~	NHHDA	001
			BSCCo	SVAA	001
		BSCP508	LDSO	NHHDC	001
			LDSO	NHHDA	001
			LDSO	HHDC	001
			LDSO	HHDA	001
			LDSO	SVAA	001

Flow Ref.	Data Flow Name	Source	From	To	Version
		BSCP515	LDSO	NHHDC	001
			LDSO	NHHDA	001
			LDSO	HHDC	001
			LDSO	HHDA	001
			LDSO	SVAA	001
P0239	Mapping Data for HH Aggregated Metering Systems	BSCP507	LDSO	SVAA	001
		BSCP508	LDSO	SVAA	001
P0240	Demand control Instruction	N/A	BMRA	SVAA	001
P0241	Disconnected DSBR and Non-BM STOR MPANs	N/A	Transmission Company	SVAA	001

BM Unit Disconnected Supplier Take Energy Volume Data File	P0237	001

Source Document	**Known as**	**From**	**To**	**Comment**
BSCP502	BM Unit Disconnected Supplier Take Energy Volume Data File	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 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
	Receiving Application Id	null		Yes
	Broadcast	null		Yes
	Test Data Flag			
ZP2 Data File Additional Header	Record Type		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 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			

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SU2	Supplier Detail	Record Type		SU2
		Supplier Id		
BM2	BM Unit	Record Type	See note 1	BM2
		BM Unit Id		
BMD	Period BM Unit Allocated Disconnected Volume	Record Type		BMD
		Settlement Period Id		
		Period BM Unit Total Allocated Disconnected Volume		ZPT
ZPT	File Footer	Record Type		
		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 ::= GS8 {SUP_set}

SUP_set ::= SU2 {BM2 {BMD}}

Record:	order on:	order:
BM2	BM Unit Id	Ascending
BMD	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 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

MSIDs affected by Demand Control Event		P0238	001

Source Document	Known as	From	To	Comment
BSCP502	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP502	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	HHDC	
BSCP502	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	HHDA	
BSCP502	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	SVAA	
BSCP503	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP503	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	HHDC	
BSCP503	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	HHDA	
BSCP503	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	SVAA	
BSCP504	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP504	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	NHHDC	
BSCP504	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	NHHDA	
BSCP504	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	SVAA	
BSCP505	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP505	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	NHHDC	
BSCP505	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	NHHDA	
BSCP505	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	SVAA	
BSCP508	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP508	MSIDs affected by Demand Control Event	BSCCo	NHHDC	
BSCP508	MSIDs affected by Demand Control Event	BSCCo	NHHDA	
BSCP508	MSIDs affected by Demand Control Event	BSCCo	HHDC	
BSCP508	MSIDs affected by Demand Control Event	BSCCo	HHDA	
BSCP508	MSIDs affected by Demand Control Event	BSCCo	SVAA	
	MSIDs affected by Demand Control Event	LDSO	BSCCo	
BSCP515	MSIDs affected by Demand Control Event	BSCCo	NHHDC	
BSCP515	MSIDs affected by Demand Control Event	BSCCo	NHHDA	
BSCP515	MSIDs affected by Demand Control Event	BSCCo	HHDC	
BSCP515	MSIDs affected by Demand Control Event	BSCCo	HHDA	
BSCP515	MSIDs affected by Demand Control Event	BSCCo~~LDSO~~	SVAA ~~NHHDC~~	
BSCP515		~~LDSO~~	~~NHHDA~~	
		~~LDSO~~	~~HHDC~~	
		~~LDSO~~	~~HHDA~~	
			~~NHHDC~~	
			~~NHHDA~~	
			~~HHDC~~	
			~~HHDA~~	
			~~SVAA~~	

Physical File Specification:

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Code		**ZHD**	
	File Type			
	From Role Code	R		
	From Participant Id	Id of LDSO		
	To Role Code	G		
	To Participant Id	Id of SVAA		
	Creation time			
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 Type		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, 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

Mapping Data for HH Aggregated Metering Systems | P0239 | 001

Source Document	**Known as**	**From**	**To**	**Comment**
BSCP507	Mapping Data for HH Aggregated Metering Systems	LDSO	SVAA
BSCP508	Mapping Data for HH Aggregated Metering Systems	LDSO	SVAA

Physical File Specification:

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

==Standard Settlement Configuration Type==

TPR   Measurement Requirement   Record Code   TPR

                                              Time Pattern Regime Id

CKI   Clock Intervals   Record Type   CKI

                                              Day of the Week Id

                                              Start Day

                                              Start Month

                                              End Day

                                              End Month

                                              Start Time

                                              End Time

==ZPT   File Footer   Record Type   ZPT==

==   Record Count==

==   Checksum==

Backus-Naur Format (BNF):

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

Notes:

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

Disconnected DSBR and Non-BM STOR MPANs | P0241 | 001

Source Document	Known as	From	To	Comment
BSCP508	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	G	
	To Participant Id	MPID of SVAA		
	Creation time			
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 days 46,48 or50 Settlement Periods; at least report nil values		
ZPT File Footer	Record Type			
	Record Count			
	Checksum			

Backus-Naur Format (BNF):

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

Notes:

This file should be sent as a pipe delimited file

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

Version History:

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