

Attachment 1

Redlined changes to BSCP503 'Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS' and the SVA Data Catalogue, Volume 1, Flows D0040 'Aggregated Half Hour data File' and D0298 'BM Unit Aggregated Half Four Data File'

BSCP503 'Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS', Section 4.4 'Aggregate Consumption Data'

Under 4.4.1 'Base Balancing Mechanism Unit Aggregation' and 4.4.2 'Additional Balancing Mechanism Unit Aggregation', make the following redlined change to MSID Count:

'The MSID count is the count of SVA Metering Systems by Consumption Component Class, Settlement Period and Supplier in a GSP Group. ~~If there is any estimated consumption during the Settlement Day, the whole day's data will be included in the appropriate estimated Consumption Component Class, and the MSID count incremented in the estimated Consumption Component Class.~~'

SVA Data Catalogue, Volume 1

Made the redlined changes to the flows as shown below.

There will also be an impact on PSL150 'Party Service Lince for Half Hourly Data Aggregation'.



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Aggregated Half Hour Data File

D0040

001

Source Document	Known as	Ref.	From	To	Comment
BSCP503	Aggregated Half Hour Data File	009	HHDA	Supplier	
	Aggregated Half Hour Data File	009	HHDA	SVAA	
BSCP508	Aggregated Half Hour Data File	009	HHDA	SVAA	
SVAA Technical Specification	Aggregated Half Hour Data File	D0040001	HHDA	SVAA	

Data Requirement from BSC Procedures:

Data Group	Data Item Name	Comment
Structure not specified	Aggregated Supplier Consumption	in MWh
	Aggregated Supplier Line Loss	in MWh
	Consumption Component Class Id	
	Data Aggregation Run Number	
	Data Aggregation Type	
	Data Aggregator HH MSID Count	
	Data Aggregator Id	
	GSP Group Id	
	Settlement Code	
	Settlement Date	
	Settlement Period Id	
	Supplier Id	

Physical File Specification:

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type	See note 2.	ZHD	
	File Type		D0040001	
	From Role Code		A	
	From Participant Id	Id of Half Hour Aggregator originating file		
	To Role Code		G	
	To Participant Id	Id of SVA Agent receiving file		
	Creation Time	Time of file generation		
ZPD Data File Additional Header	Record Type		ZPD	



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Aggregated Half Hour Data File

D0040

001

		Settlement Date		
		Settlement Code		
		Run Type Code		
		Run Number	Data Aggregation Run Number, see note 1.	A
		GSP Group		
SUP	Supplier	Record Type		SUP
		Supplier Id		
CCC	Consumption Component	Record Type		CCC
		Class/ <u>Data Aggregator HH MSID</u>		
		<u>Count</u>		
		Consumption Component Class Id		
		<u>Data Aggregator HH MSID Count</u>		
SET	Settlement Period/ <u>Data</u>	Record Type		
		<u>Aggregator HH MSID Count</u>		
		Settlement Period Id		
		<u>Data Aggregator HH MSID Count</u>		
ASC	Aggregated Supplier Consumption	Record Type		ASC
		Aggregated Supplier Consumption		
ASL	Aggregated Supplier Line Loss	Record Type		ASL
		Aggregated Supplier Line Loss		
ZPT	File Footer	Record Type		ZPT
		Record count	Number of records in the file, including headers and footer.	
		Checksum		

Backus-Naur Format (BNF):

Aggregated Half Hour Data File ::= ZHD ZPD {SUP_set} ZPT

SUP_set ::= SUP {CCC {SET OPT1}}

OPT1 ::= ASC | ASL

Notes:

- 1 Run Number must be unique across all Settlement Dates for a GSP Group. For an individual settlement day/settlement code, the order of the run numbers should reflect the order the runs were performed in.
- 2 This flow is shown with the standard SVA format for the ZHD group. Refer to 012AAT for the version to use when sending this flow via the Data Transfer Service Managed Data Network Service.



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BM Unit Aggregated Half Hour Data File

D0298

001

Source Document	Known as	Ref.	From	To	Comment
BSCP503	BM Unit Aggregated Half-Hour Data File	D0298	HHDA	Supplier	
	BM Unit Aggregated Half-Hour Data File	D0298	HHDA	SVAA	
BSCP508	BM Unit Aggregated Half-Hour Data File	D0298	HHDA	Supplier	
	BM Unit Aggregated Half-Hour Data File	D0298	HHDA	SVAA	
Required Amendments to TS2 for NETA	BM Unit Aggregated Half-Hour Data File	D0298001	HHDA	Supplier	
	BM Unit Aggregated Half-Hour Data File	D0298001	HHDA	SVAA	
SVAA Physical Design	BM Unit Aggregated Half-Hour Data File	D0298001	HHDA	Supplier	
	BM Unit Aggregated Half-Hour Data File	D0298001	HHDA	SVAA	

Physical File Specification:

Record	Field Name	Comment	Value	Opt
ZHD File Header	Record Type		ZHD	
	File Type		D0268001	
	From Role Code		A	
	From Participant Id	Id of HHDA		
	To Role Code		G or X	
	To Participant Id	Id of SVAA or Supplier receiving file		
	Creation Time	Time of file generation in GMT		
ZPD Data File Additional Header	Record Type		ZPD	
	Settlement Date			
	Settlement Code			
	Run Type Code		A	
	Run Number			
	GSP Group Id			
	SUP Supplier	Record Type	See note 1.	SUP
BMU BM Unit	Supplier Id			
	Record Type		BMU	
CCC Consumption Component	BM Unit Id			
	Record Type		CCC	
	Class/ Data Aggregator HH MSID Count			
	Consumption Component Class Id Data Aggregator HH MSID Count			



BM Unit Aggregated Half Hour Data File

D0298

001

SET	Settlement Period/ <u>Data Aggregator HH MSID Count</u>	Record Type	
		Settlement Period Id	
		<u>Data Aggregator HH MSID Count</u>	
ABE	Aggregated BM Unit Energy	Record Type	ABE
		Aggregated BM Unit Energy	
ABL	Aggregated BM Unit Line Losses	Record Type	ABL
		Aggregated BM Unit Line Losses	
ZPT	File Footer	Record Type	ZPT
		Record Count	
		Checksum	
			Number of records in the file including header and footer

Backus-Naur Format (BNF):

BM Unit Aggregated Half Hour Data File ::= ZHD ZPD {SUP_set} ZPT

SUP_set ::= SUP {BMU_set}

BMU_set ::= BMU {CCC_set}

CCC_set ::= CCC {SET (ABE | ABL)}

Record:	order on:	order:	note:
BMU	BM Unit Id	Ascending	
CCC	Consumption Component Class Id	Ascending	
SET	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. Where this flow is intended for the Supplier, the set of Suppliers will be limited to that Supplier only.