

Ancillary Service Settlements Information

This presentation gives details of the information sent to service providers in order to validate their monthly payments.

Updated - December 2008

Information Sent to Service Provider

- ◆ Covering letter
- ◆ Self-bill Invoice
- ◆ Statement summary
- ◆ Service summaries
- ◆ By-unit summary
- ◆ Adjustments
- ◆ Detailed backing sheets

GRANULARITY	
COMPANY	UNIT
MONTH	DAY
SERVICE TYPE (7)	SERVICE DETAIL (27)
PAYMENT (£)	DATA

Statement Summary

- ♦ Payments by **service type**, by day, by company

ANCILLARY SERVICES STATEMENT SUMMARY

Company Name

Month

Jan-08

Run Type

FINAL

Settlement Date	Reactive Power Services	Operating Margin Services	Other Services	Total
01-Jan-08				
02-Jan-08				
03-Jan-08				
04-Jan-08				
05-Jan-08				
06-Jan-08				
07-Jan-08				
08-Jan-08				
09-Jan-08				
10-Jan-08				
11-Jan-08				

By Unit Summary

- ◆ Month total
- ◆ By Unit
- ◆ By detailed services

comp	COMPANY	MONTH 2008								
		<u>Final</u>								
Sum of Pa	Service Type	Service			Oper. Margin Total	Reactive			Reactive Total	Grand Total
Unit	3C_Primary & HF Response	3D_Combined Response	3E_Mandatory Response Energy		1A_Default Utilisation	1B_Market Available Capability	1C_Market Synchronised Capability	1D_Market Utilisation		
UNIT01Z	2,022	49,016	2,872	53,910	9,892				9,892	63,801
UNIT02Z	2,758	69,965	15,258	87,981	4,096	5,326		25,410	34,832	122,813
UNIT03Z	6,084	93,917	8,489	108,490	1,542	4,880	3,055		9,477	117,967
UNIT04Z	8,590	81,323	7,622	97,536		5,882	3,627	11,973	21,482	119,018
Grand Total	19,454	294,221	34,242	347,916	15,530	16,088	6,682	37,383	75,683	423,599

Adjustments

- ◆ Recalculation of previous months' charges
- ◆ By company
- ◆ By month
- ◆ By service type
- ◆ With comments

Backing Sheets

- ◆ Detailed technical reports
 - ◆ 36 types of report produced
 - ◆ 11,000 'Final run' files produced every month
 - ◆ Hundreds of files sent to each company every month
 - ◆ For each day (or within day)
 - ◆ For each unit
 - ◆ Input data as well as payment
- ◆ As of December 2008, backing sheets are being sent to service providers by e-mail.

Backing Sheet Reports and Spreadsheets

		ASB Settlement Database Reports			SPREADSHEETS/ ACCESS DATABASE REPORTS		
SERVICE TYPE	SERVICE	FILENAME PREFIX	REPORT TYPE	PAYMENT BACKING INFORMATION ? (AUTOMATIC .DAT FILE)	SPREADSHEET PREFIX	REPORT TYPE	PAYMENT BACKING INFORMATION ?
PUMPED STORAGE	Firm Frequency Response	FPE	Daily	Energy costs and volumes by Unit/Settlement period	FFR	Monthly	Firm Frequency Response Availability , Positional and Window initiation payments by Unit/Day
	Optional Frequency Response	OPA	Daily	Response Availability Costs and Volumes by Unit			
		OPI	Daily	Metered Imbalance Costs and Volumes by Unit/Settlement Period			
		OPE	Daily	Response Energy Costs and Volume by Unit/Settlement Period			
	Optional Fast Start	OFS	Daily	Optional Rapid Start costs by Unit/Instruction			
	Optional Pump Deload	OPD	Daily	Costs by Unit/Instruction			
Optional Spin Gen	OSG	Daily	report by Unit/Instruction		Spin_Gen_Reclaim	Monthly	Spin Gen payments reclaimed during periods of Firm Fast Reserve
					Company name	Monthly	Manual Spin Gen payments
Optional Spin Pump	OSP	Daily	Report by Unit/Instruction				
FREQUENCY RESPONSE	Optional Frequency Response	GRD	Daily	Availability Costs and Volumes by Unit			
		GRE	Daily	Optional/Firm Frequency Response Response Energy Costs and Volume by Unit/Settlement Period			
	Firm Frequency Response	GRE	Daily	Optional/Firm Frequency Response Response Energy Costs and Volume by Unit/Settlement Period	FFR	Monthly	Firm Frequency Response Availability , Positional and Window initiation payments by Unit/Day
	FCDM				n/a	Monthly and Daily	Monthly Summary of payments by day and by unit
RESERVE	STOR	SBA	Daily	BM Availability costs by Unit/Settlement period			
		SBU	Daily	BM Utilisation delivery volumes			
		SBF	Daily	BM Event of Default report			
		SBD	Monthly	Monthly BM payment summary by Unit/Day			
		SBC	Monthly	Monthly BM payment summary by Unit			
		SBR	Annually	Annual BM term availability reconciliation			
		SBS	Seasonally	Seasonal BM delivery reconciliation			
		SNA	Daily	NBM Availability costs by Unit/Settlement period			
		SNU	Daily	NBM Utilisation payment and delivery volumes			
		SNF	Daily	NBM Event of Default report			
		SND	Monthly	Monthly BM payment summary by Unit/Day			
		SNC	Monthly	Monthly BM payment summary by Unit			
		SNR	Annually	Annual BM term availability reconciliation			
	SNS	Seasonally	Seasonal BM delivery reconciliation				
	BM Start-Up	WHA	Daily	BM Start-up and Hot Standby Payments by Unit/Instruction			
	Demand Management				Provider Name	Monthly	Summary of Availability and utilisation payments
Fast Reserve				FastReserve	Monthly	Firm Fast Reserve Availability , Positional and Window initiation payments by Unit/Day	
Fast Start	GTA	Daily	Daily availability report				
	GTUM	Daily	Daily utilisation report				
REACTIVE	Obligatory	RDC	Daily	No Longer Relevant			
	Enhanced	RDU	Daily	Default Utilisation payments and MVarH by Unit/Day			
		RKA	Daily	Market Availability payments by Unit/Day			
	Market Tender	RKS	Daily	Market Synchronised Availability payments by Unit/Day			
RKU		Daily	Market Utilisation payments and MVarH by Unit/Day				
SYSTEM SECURITY	Constraints				Constraints	Monthly	Summary of Availability and utilisation payments
	Intertrips				CAP 76	Monthly	Monthly Charge by station
	SO-SO Service	IMD	Monthly	Monthly Payment summary by Service/Day in sterling (Only sent to providers who bill in sterling)			
	Maximum Generation				NGC_CALC	Monthly	Payment /Volumes by Service and Settlement Period in Euros
	Black Start				Maxgen	Monthly	Monthly summary of Maxgen costs
ENERGY	PGBT				Black Start	Monthly	Payment by Station/Day

Typical Backing Sheet Report

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<-----GENRES Daily Detail Report----->
Company Name      :                               Production Date   :20-FEB-2008 17:45
Settlement Date   : 01-JAN-2007                 Software Version  :3.1.1
Run Type          : Final
Indexation Factor : 1                               Page 1 of 12
  
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-----ResourceDetails-----
<-----Segment----->  <-----Init Val----->  <-----Energy Capability----->  <-----Payments----->  <---Duty Payments--->  Total
Start   End     Mo Ev   MW     MEL   PEC     SEC     HEC     PP     SP     HP     PRIH   PRSH   Payment
-----
<---(HH:MM:SS)--->    <----- (MW) ----->    <----- (MWh) ----->    <----- (£) ----->    <----- (£) ----->    (£)
  
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Resource Id:															Ambient Temperature	Adj.Factor:	
00:00:00	00:02:00	A	AS			1.230	1.510	2.330	0.00	1.51	42.00	0.00	43.51	43.51		1.000	
00:02:00	00:30:00	A	DL			14.930	18.200	32.670	0.00	18.20	588.00	0.00	606.20	606.20			
00:30:00	01:00:00	A	IP			16.000	19.500	35.000	0.00	19.50	630.00	0.00	649.50	649.50			
01:00:00	01:01:00	A	IP			0.490	0.590	1.170	0.00	0.59	21.00	0.00	21.59	21.59			
01:01:00	01:30:00	A	DL			12.710	15.400	33.830	0.00	15.40	609.00	0.00	624.40	624.40			
01:30:00	01:38:00	A	IP			3.510	4.250	9.330	0.00	4.25	168.00	0.00	172.25	172.25			
01:38:00	01:43:00	A	DL			3.260	3.990	5.830	0.00	3.99	105.00	0.00	108.99	108.99			
01:43:00	02:00:00	A	DL			14.730	18.130	19.830	0.00	18.13	357.00	0.00	375.13	375.13			
02:00:00	02:11:00	A	IP			9.530	11.730	12.830	0.00	11.73	231.00	0.00	242.73	242.73			
02:11:00	02:30:00	A	DL			16.470	20.270	22.170	0.00	20.27	399.00	0.00	419.27	419.27			
02:30:00	02:41:00	A	IP			9.530	11.730	12.830	0.00	11.73	231.00	0.00	242.73	242.73			
02:41:00	02:45:00	A	DI			2.800	3.430	4.670	0.00	3.43	84.00	0.00	87.43	87.43			
02:45:00	03:00:00	A	DL			8.000	9.750	17.500	0.00	9.75	315.00	0.00	324.75	324.75			
03:00:00	03:17:00	A	IP			9.070	11.050	19.830	0.00	11.05	357.00	0.00	368.05	368.05			
03:17:00	03:21:00	A	DL			2.800	3.430	4.670	0.00	3.43	84.00	0.00	87.43	87.43			
03:21:00	03:30:00	A	DL			7.800	9.600	10.500	0.00	9.60	189.00	0.00	198.60	198.60			
03:30:00	03:49:00	A	IP			16.470	20.270	22.170	0.00	20.27	399.00	0.00	419.27	419.27			
03:49:00	03:59:00	A	DL			8.670	10.670	11.670	0.00	10.67	210.00	0.00	220.67	220.67			
03:59:00	04:00:00	A	DI			0.830	1.020	1.170	0.00	1.01	21.00	0.00	22.01	22.01			
04:00:00	04:03:00	A	IP			1.980	2.420	3.500	0.00	2.42	63.00	0.00	65.42	65.42			
04:03:00	04:30:00	A	DL			14.400	17.550	31.500	0.00	17.55	567.00	0.00	584.55	584.55			
04:30:00	05:00:00	A	IP			16.000	19.500	35.000	0.00	19.50	630.00	0.00	649.50	649.50			
05:00:00	05:30:00	A	IP			16.000	19.500	35.000	0.00	19.50	630.00	0.00	649.50	649.50			
05:30:00	06:00:00	A	IP			16.000	19.500	35.000	0.00	19.50	630.00	0.00	649.50	649.50			

Summary of Data Provided

GRANULARITY OF INFORMATION	COMPANY		MONTH		SERVICE TYPE		PAYMENT (£)	
	COMPANY	UNIT	MONTH	DAY	SERVICE TYPE	SERVICE DETAIL	PAYMENT (£)	DATA
Invoice	C		M				P	
Adjustments	C		M		T		P	
Statement summary	C			D	T		P	
Service summaries	C			D		D	P	
Pivot Table		U	M			D	P	
Backing reports / spreadsheets		U		D		D		D