

'1 kWh deficit Daily Imbalance' example

Daily imbalance cashout and post emergency claims

1. Daily Cashout Price(s)

	Stage 1	Stages 2-5 (frozen)
SAP	0.1800	0.1900
SMP Buy	0.1900	0.1999

A Gas Deficit Emergency (GDE) occurred on 1st December. The cashout prices remain dynamic until a GDE Stage 2+ is declared at which point, the 'emergency' cashout prices are frozen. The shippers' daily energy imbalances are cashed-out at the frozen price i.e. at SAP for those shippers with a long position and at SMP Buy for those with a short position.

2. OCM Physical Market Offers

Shipper 1 posted offers to sell its over-supply on the OCM with a price-range of 0.2100 to 1.1800

OCM Offers	kWh	p/kWh	<i>Less frozen SAP</i>	Adjusted Price	Cost
Offer 1	50	0.2100	0.1900	0.0200	10.00
Offer 2	50	0.2200		0.0300	15.50
Offer 3	25	0.2600		0.0700	17.50
Offer 4	25	1.1800		0.9900	24.75
Totals	150				67.25

Volume weighted average price of emergency claims for 1st December (vwap_{ec}): 0.45 p/kWh

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3. Shipper cash-flows/Neutrality

	Daily Imbalance		Post-emergency Claims		<i>Throughput (kWh)</i>	<i>Neutrality Smear</i>	Total
	<i>Quantity (kWh)</i>	£ cashed-out	£ paid	£ charged			
Shipper1	150	28.50	67.25	0	2550	-11.75	84.00
Shipper2	-1	-0.199	0	-0.45	301	-1.39	-2.04
Shipper3	-125	-24.87	0	-56.04	225	-1.05	-81.96
system					3076		
Totals		3.431	67.25	-56.49		-14.19	0.00

Neutrality charge:
0.004613 p/kWh

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