

Operational Forum Meeting



Wednesday 15th February 2012, 10:30AM, Radisson Grafton Hotel,
130 Tottenham Court Road, London.

System Management Principles Statement



System Management Principles Statement

- Compliance report for December 2011 and January 2012
- Summary of balancing actions and breaches for December 2011 and January 2012
- Performance compared to last year

Summary Report

	Dec 2011	Jan 2012
Total Number of Buy Actions	18	9
Total Number of Sell Actions	19	16
Total	37	25
Number of Material Breaches	0	0
Number of Non-Material Breaches	0	0

2011 / 2012 Comparison

	Jan 2011	Jan 2012
Number of Balancing Actions (Calendar year to date)	33	25
Number of Material Breaches (Calendar year to date)	0	0
Number of Non Material Breaches (Calendar year to date)	0	0

Operational Overview



Weather

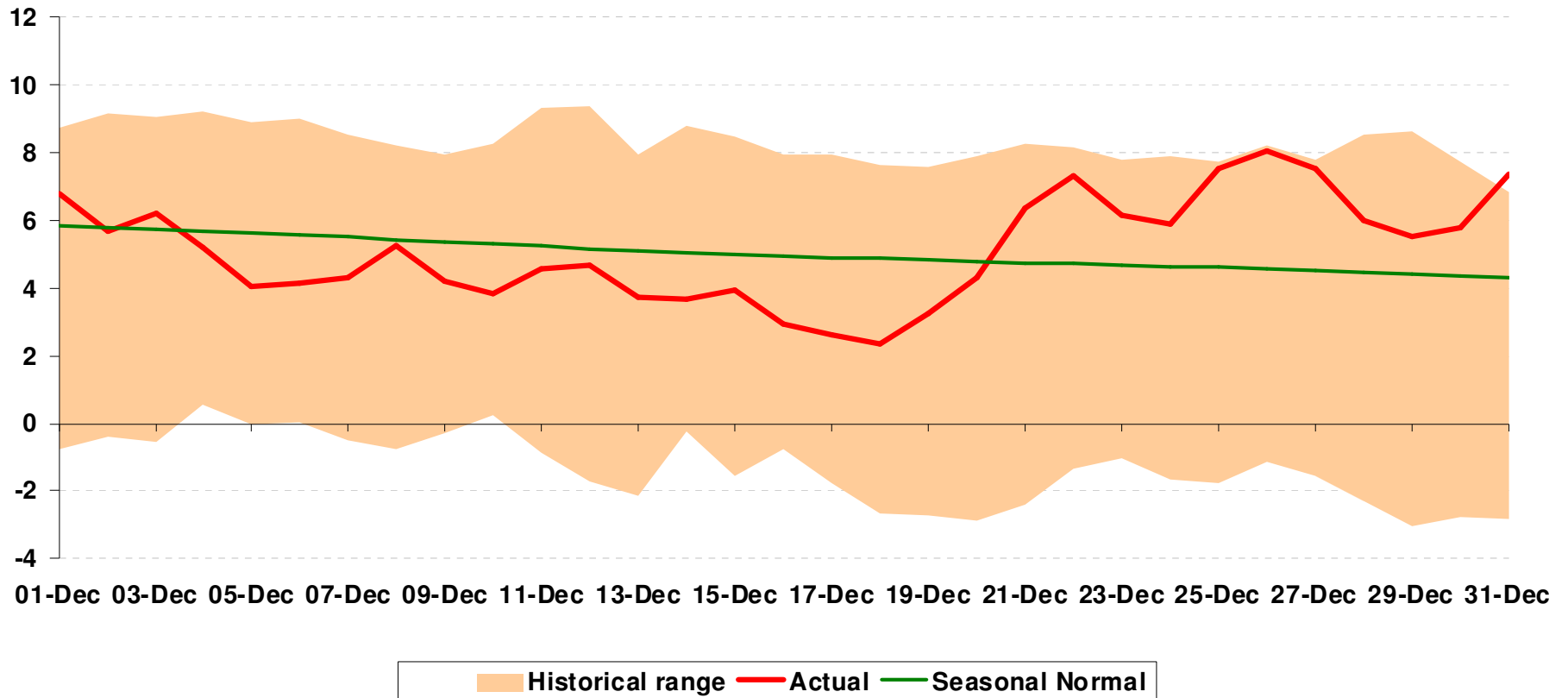


National Composite Weather

Dec 2011 Vs Historical Range

National Composite Weather

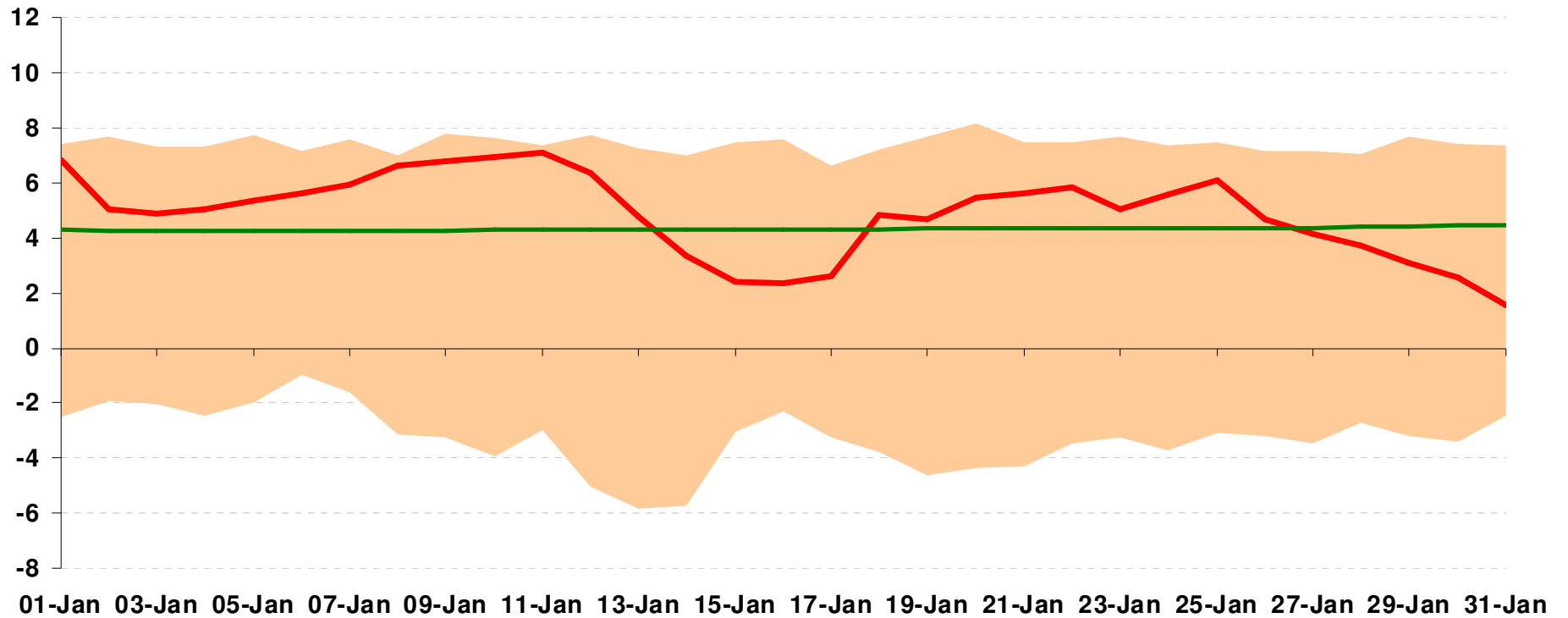
2011 compared to 1928 to 2010



National Composite Weather

Jan 2012 Vs Historical Range

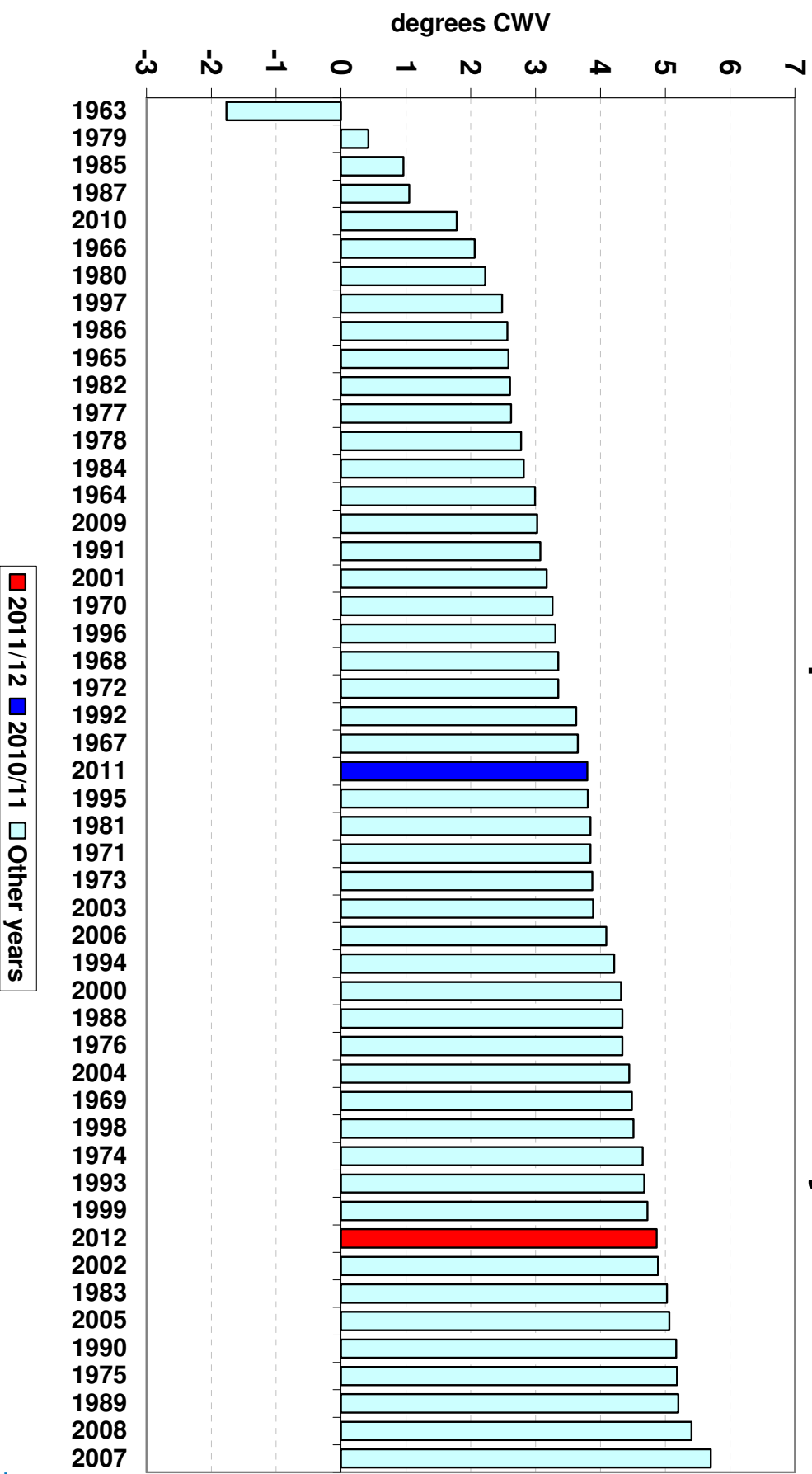
National Composite Weather 2012 compared to 1929 to 2011



Historical range Actual Seasonal Normal

Mean Composite Weather Variables Jan 2012 Vs Previous Yrs.

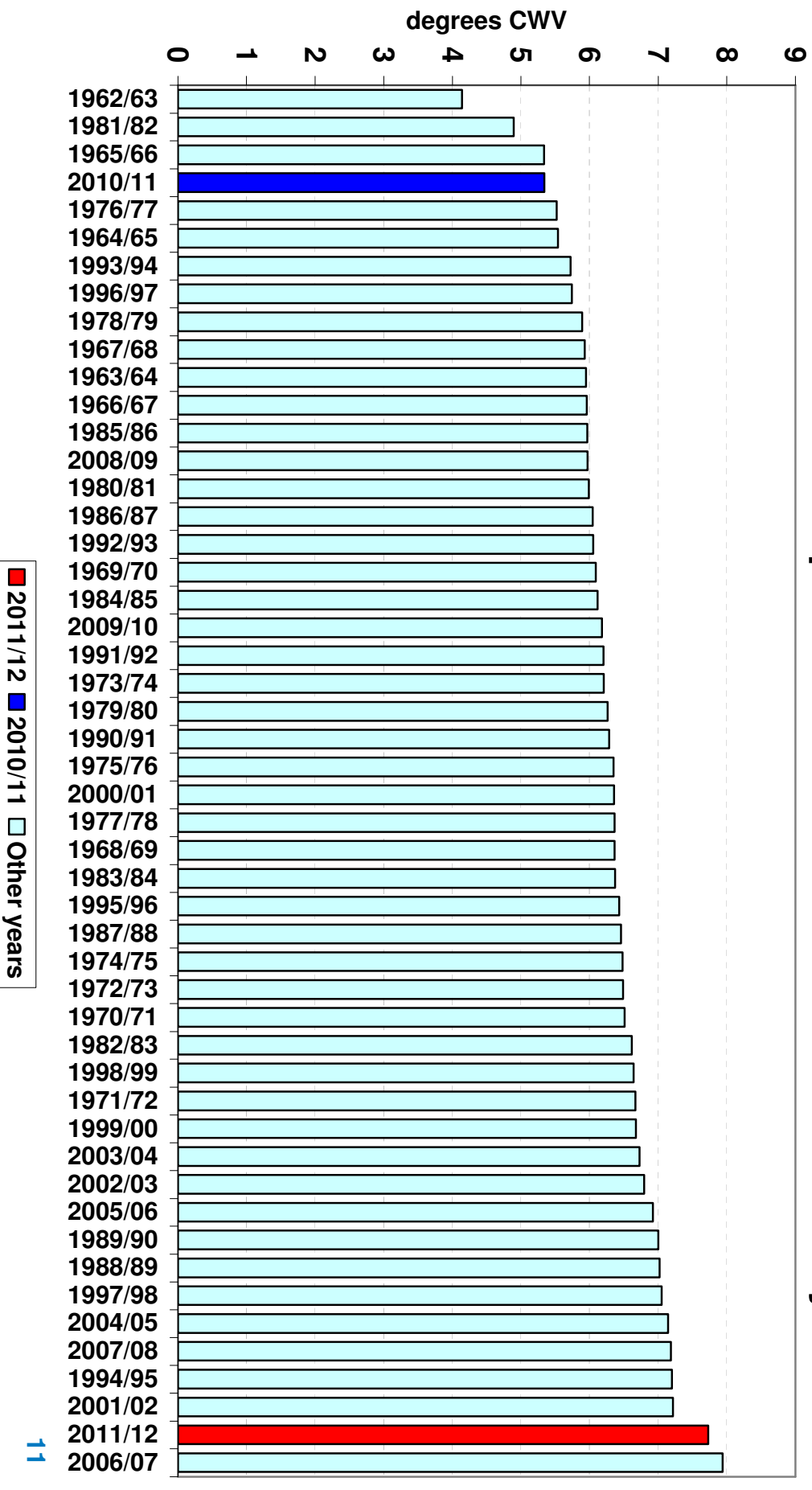
Mean National Composite Weather for January



Mean Composite Weather Variables

Oct 2011 to Jan 2012 Vs Previous Yrs.

Mean National Composite Weather for October to January



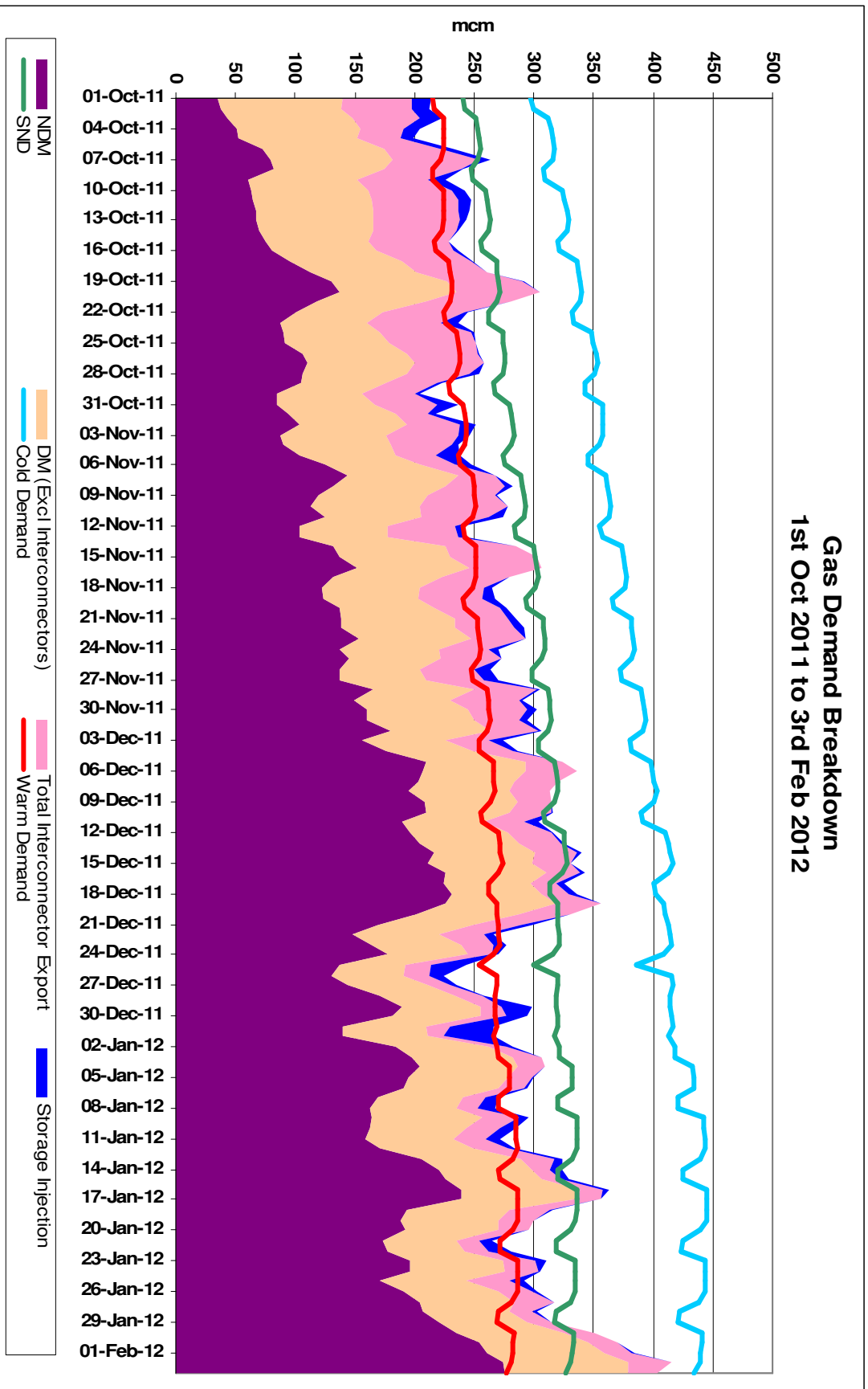
Demands



Gas Demand Breakdown

1st October 2011 to 3rd February 2012

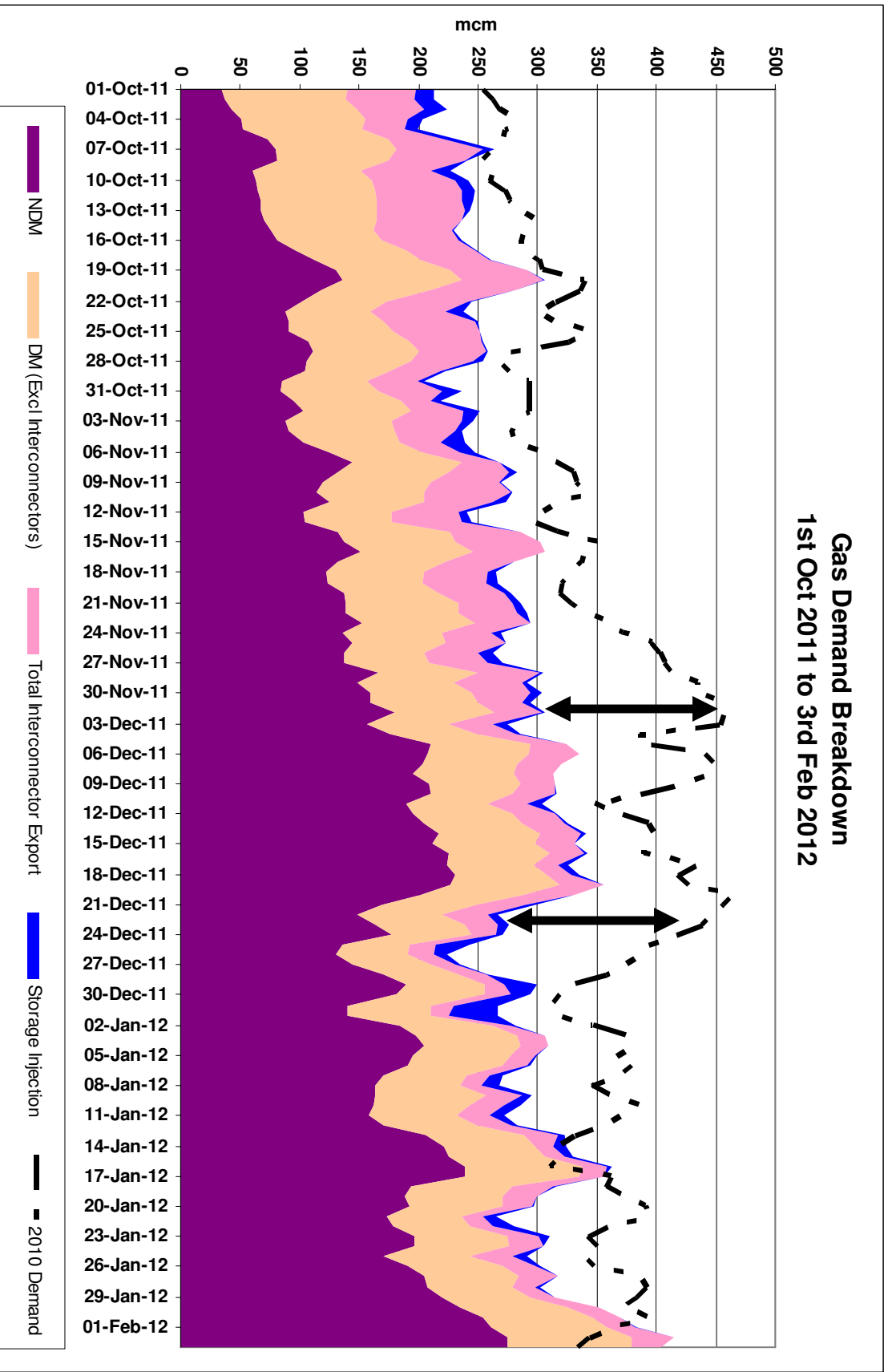
Gas Demand Breakdown
1st Oct 2011 to 3rd Feb 2012



Gas Demand Breakdown

2010/11 Vs 2011/12

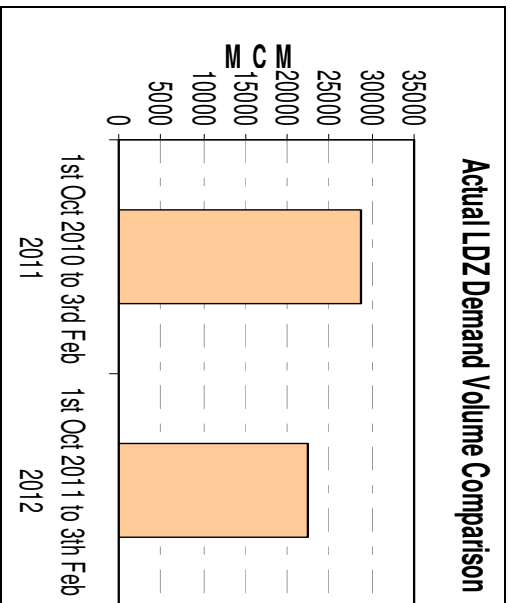
Gas Demand Breakdown
1st Oct 2011 to 3rd Feb 2012



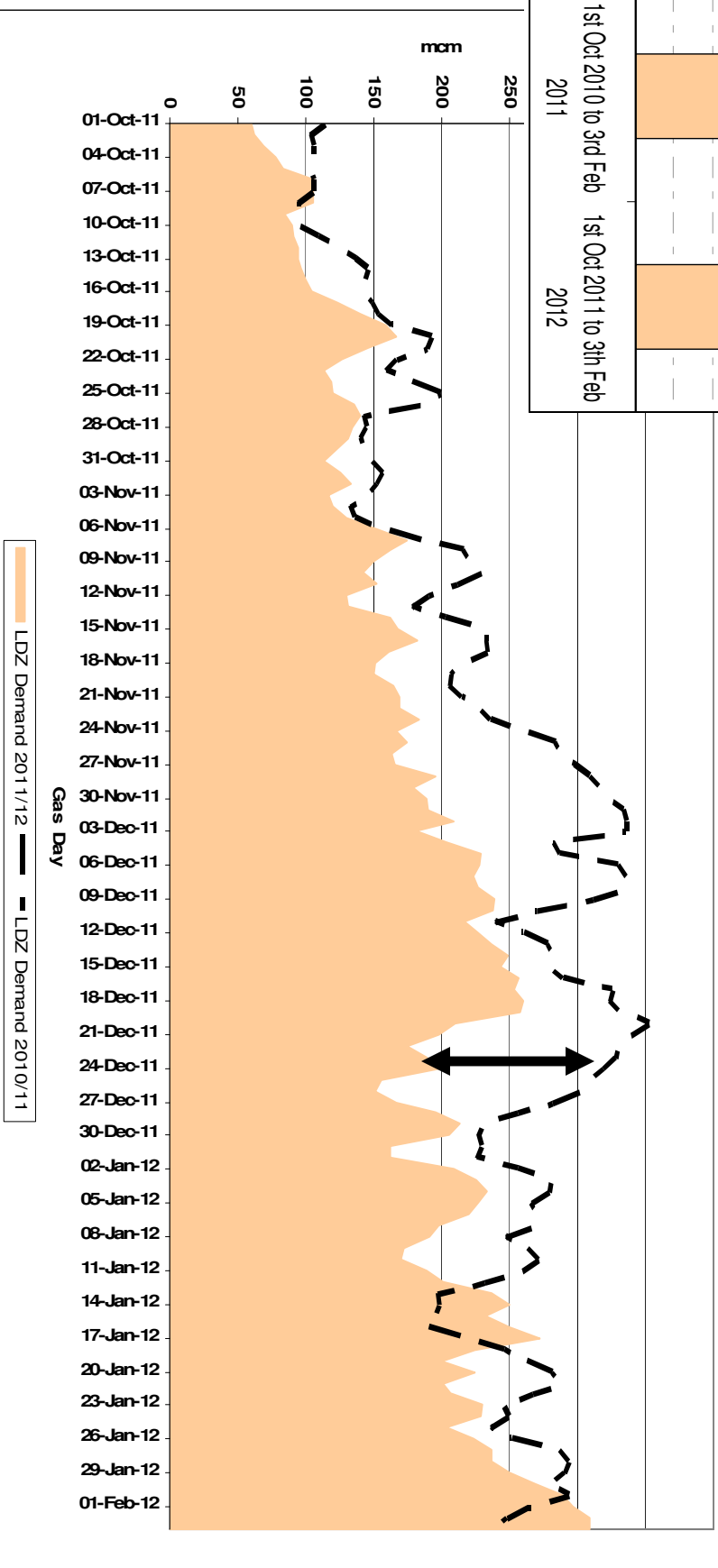
LDZ Demand

2010/11 Vs 2011/12

Actual LDZ Demand Volume Comparison

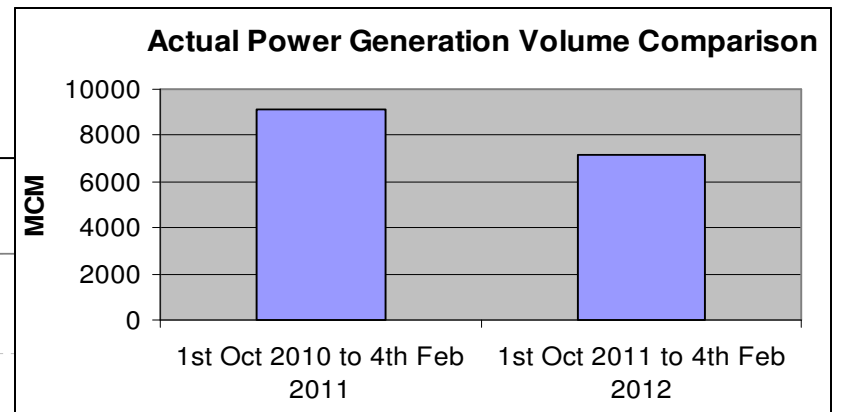
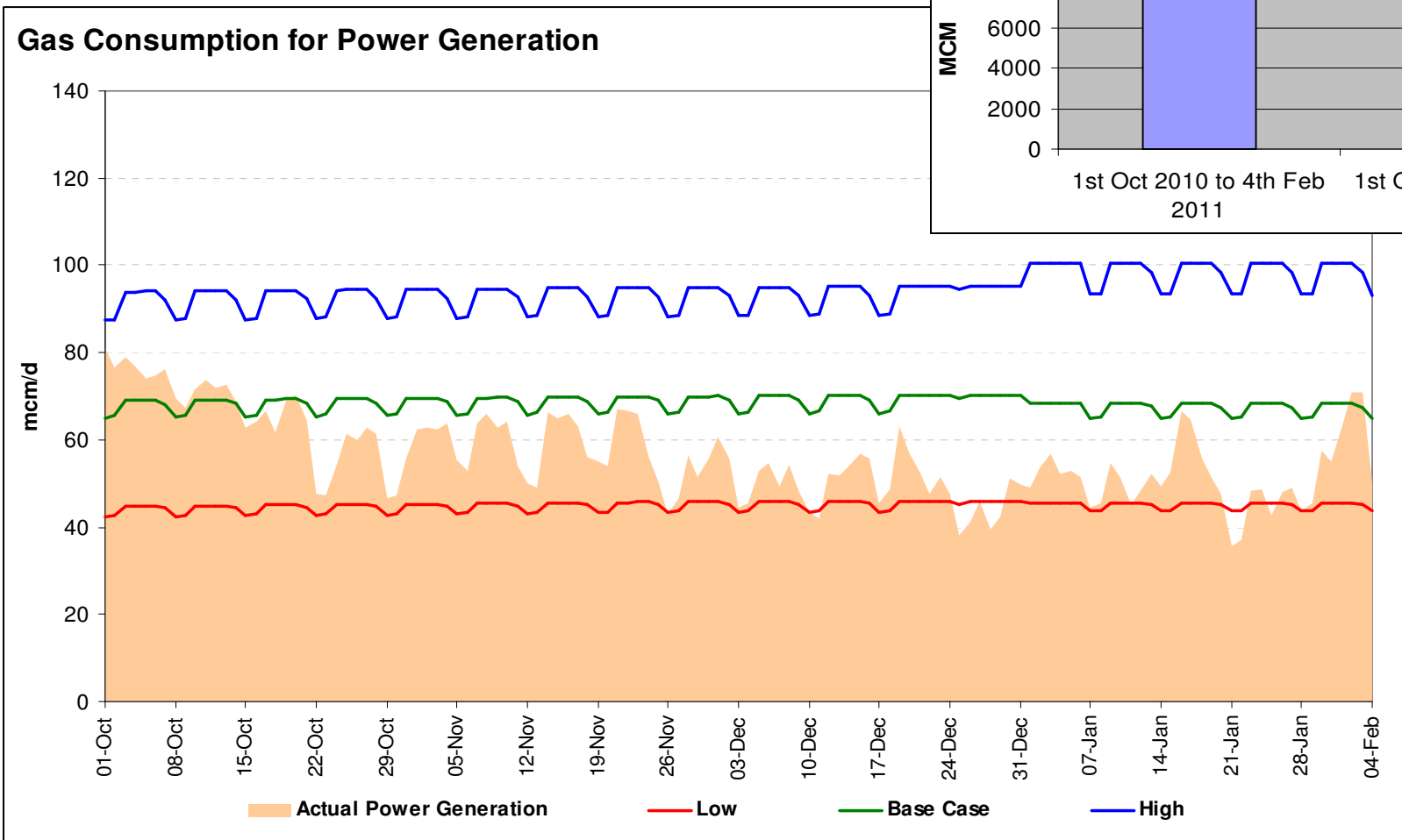


Gas Demand Breakdown [LDZ 2010/11 vs 2011/12]
1st Oct to 3rd Feb



Power Generation

1st October 2011 to 4th February 2012



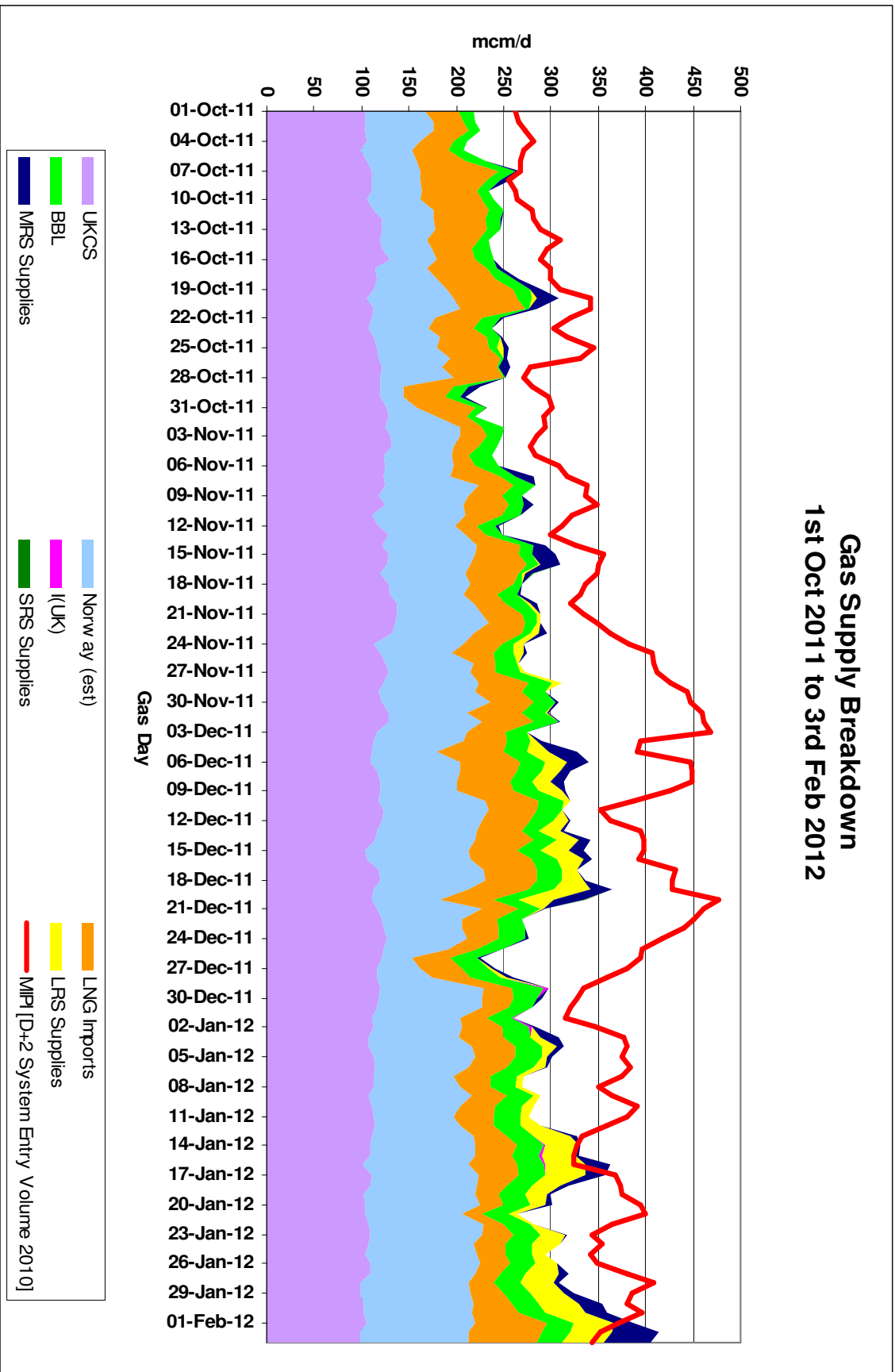
Supplies



Gas Supply Breakdown

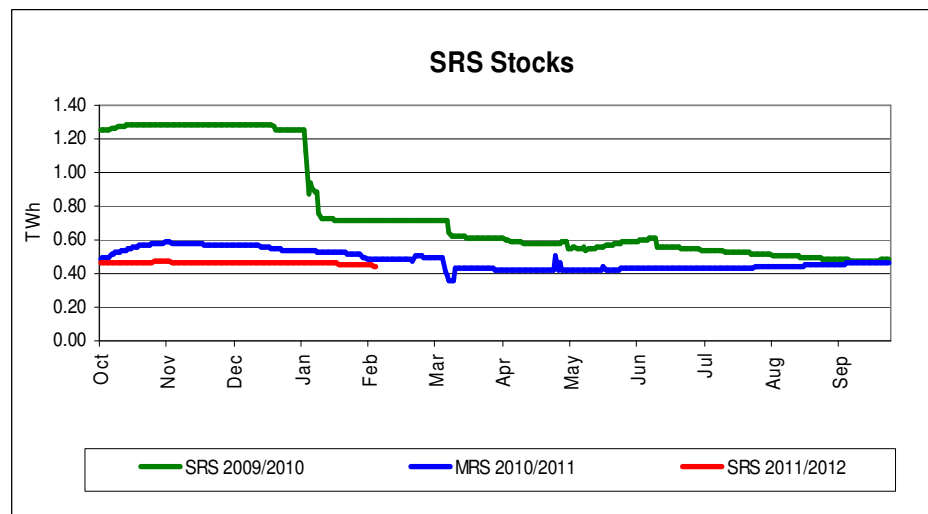
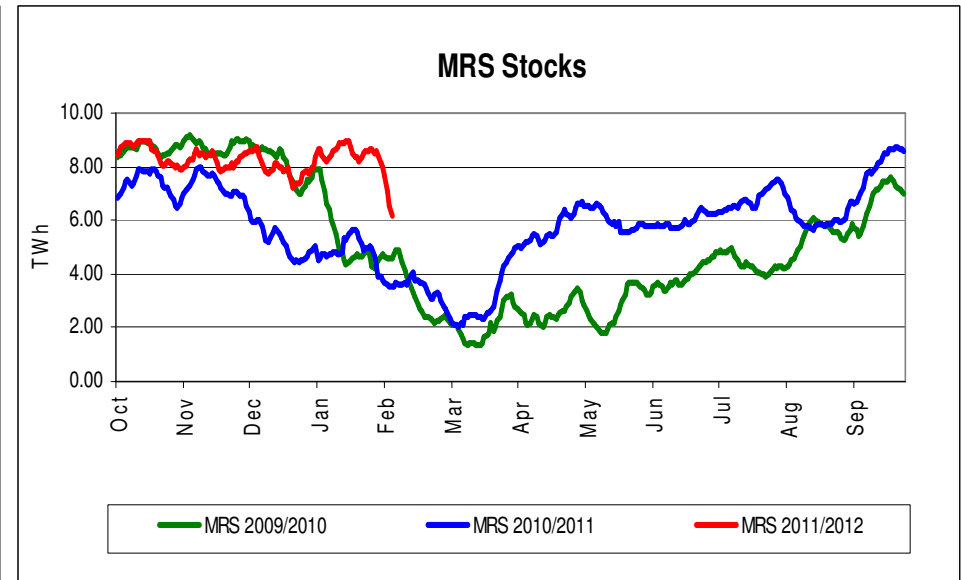
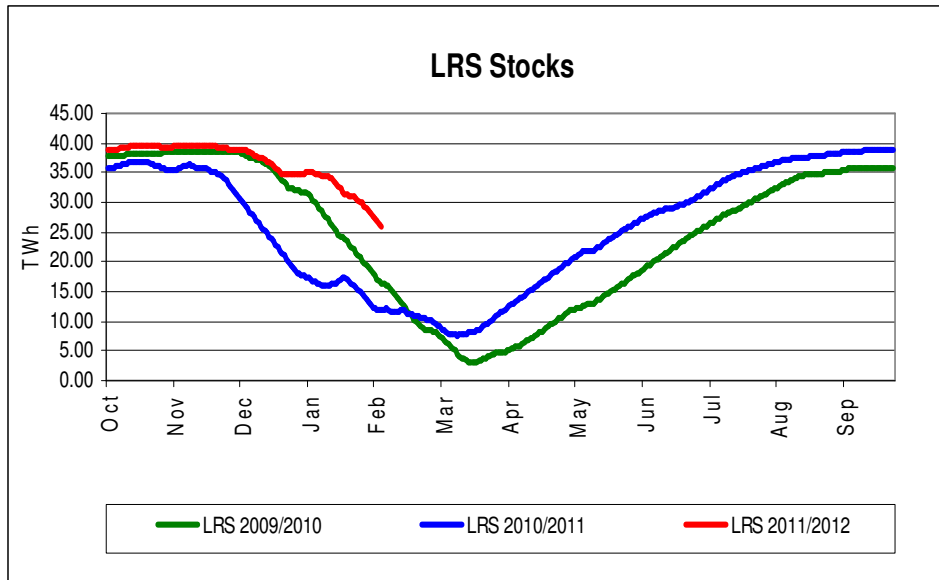
1st Oct 2011 to 3rd Feb 2012

Gas Supply Breakdown
1st Oct 2011 to 3rd Feb 2012



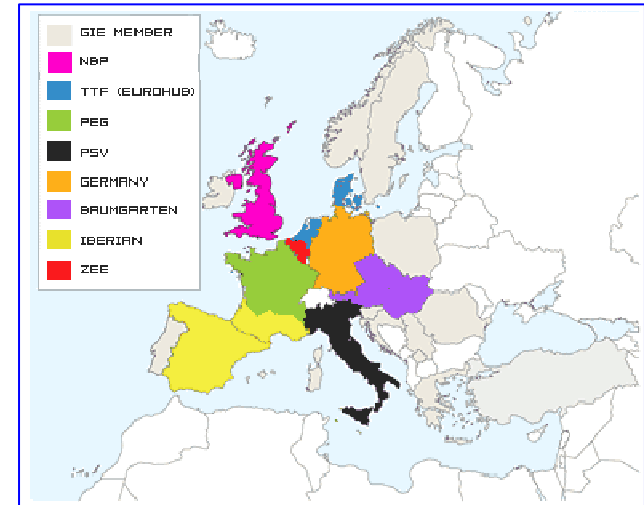
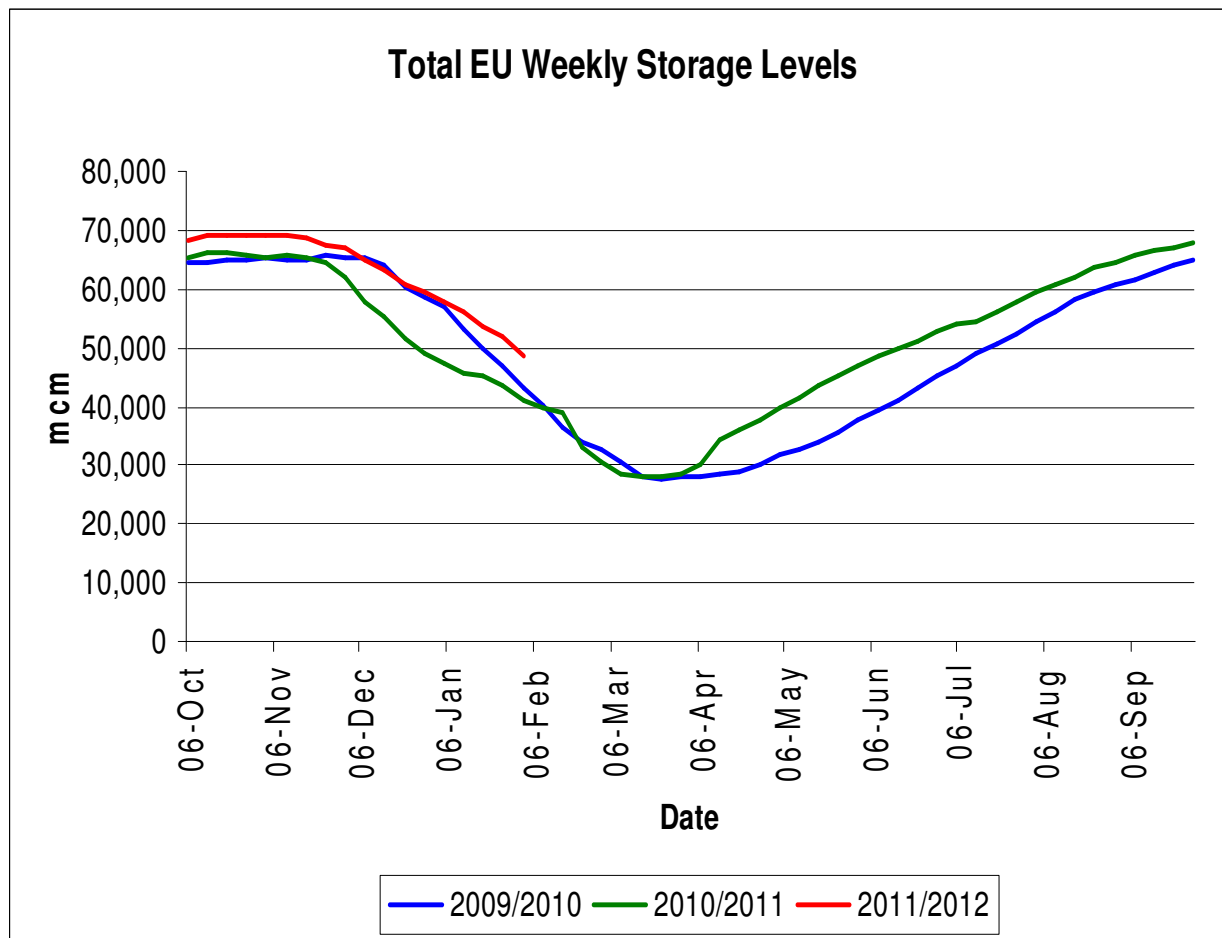
Storage Stocks - UK

From 1st October 2011 to 5th February 2012



Storage Stocks - EU

From 1st October 2011 to 2nd February 2012



Stocklevel Status at 06:00CET on Monday 06.02.12

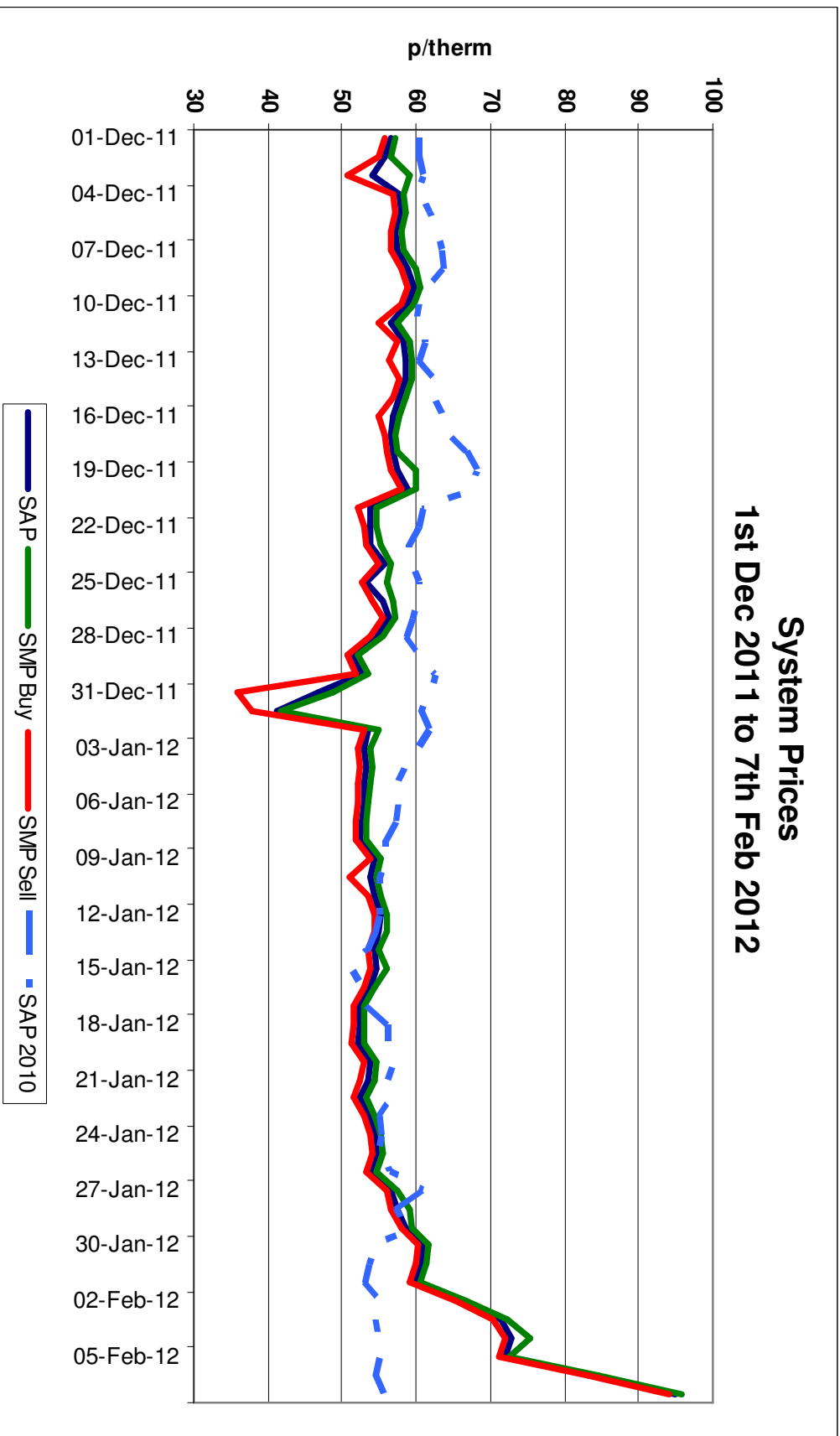
Hub Area	Stock Level (mcm)	% Full
Baumgarten	9657.29	57.24%
Germany	13270.58	63.14%
Iberian	1902.67	74.99%
NBP	3034.00	63.79%
France	6160.92	49.44%
PSV	9185.68	58.88%
TTF (Eurohub)	1445.35	69.15%
ZEE	367.09	53.98%
Total Hubs	45023.58	61.33%

Transporter Actions and Neutrality



System Prices

1st October 2011 to 7th February 2012

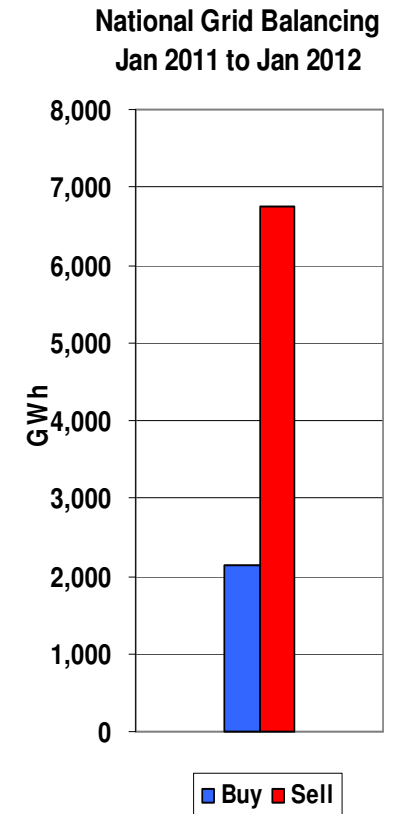
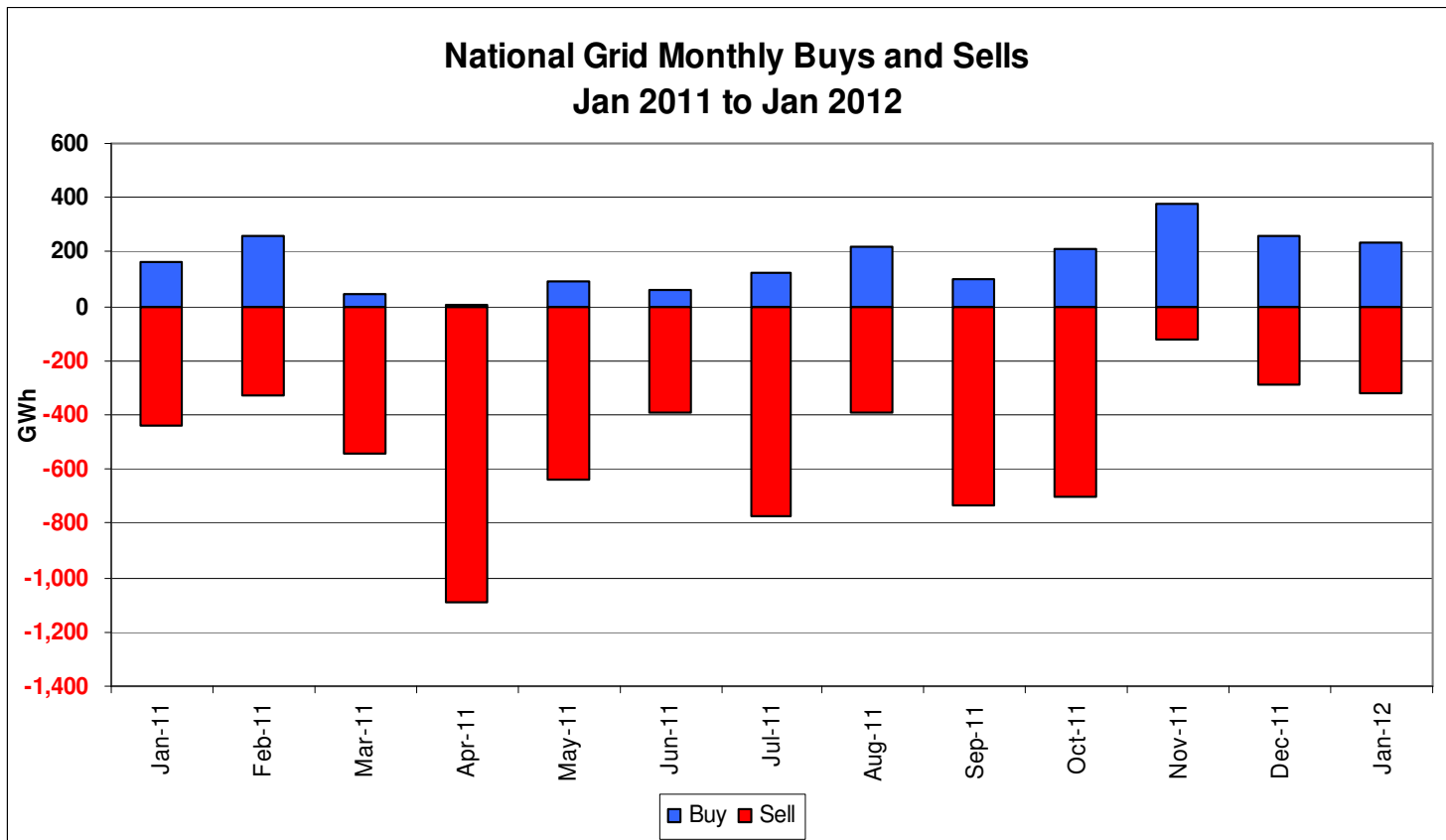


Transporter Energy Traded on the OCM

Buys and Sells by Month
From Jan 2011 to Jan 2012



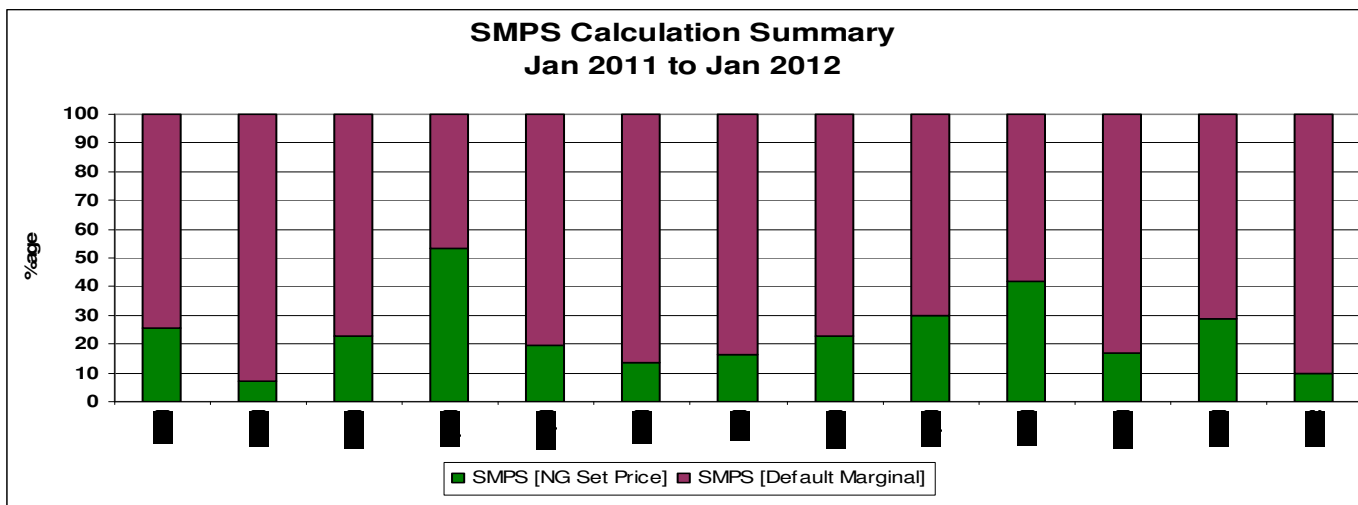
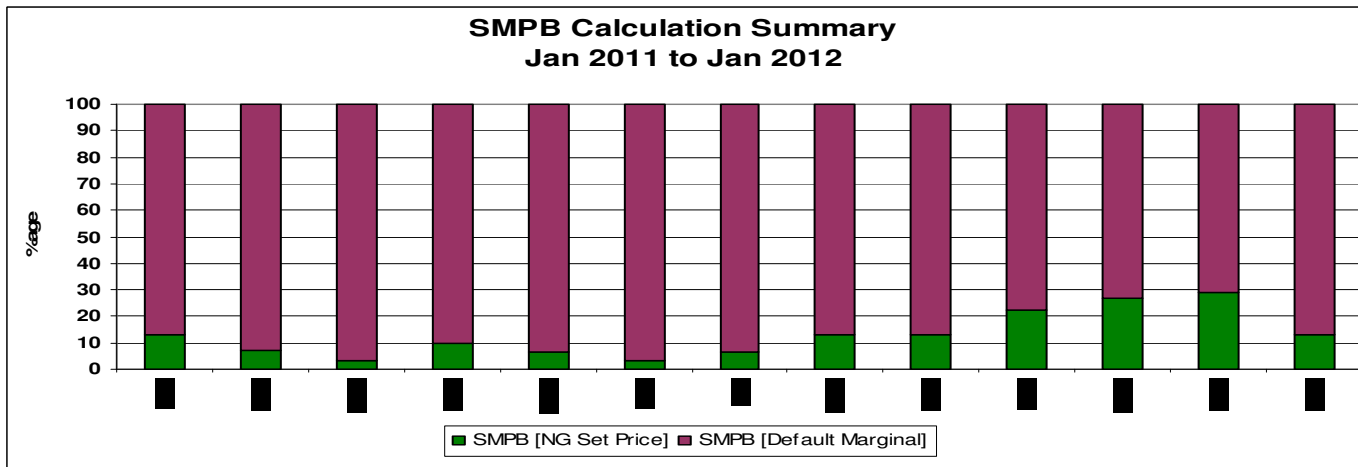
THE POWER OF ACTION



Days of Default SMP Prices

From Jan 2011 to Jan 2012

	SMP Buy	SMP SELL	Both
Dec-11	70.97%	70.97%	51.61%
Jan-12	87.10%	90.32%	70.42%



Transporter Actions on the OCM Mechanism

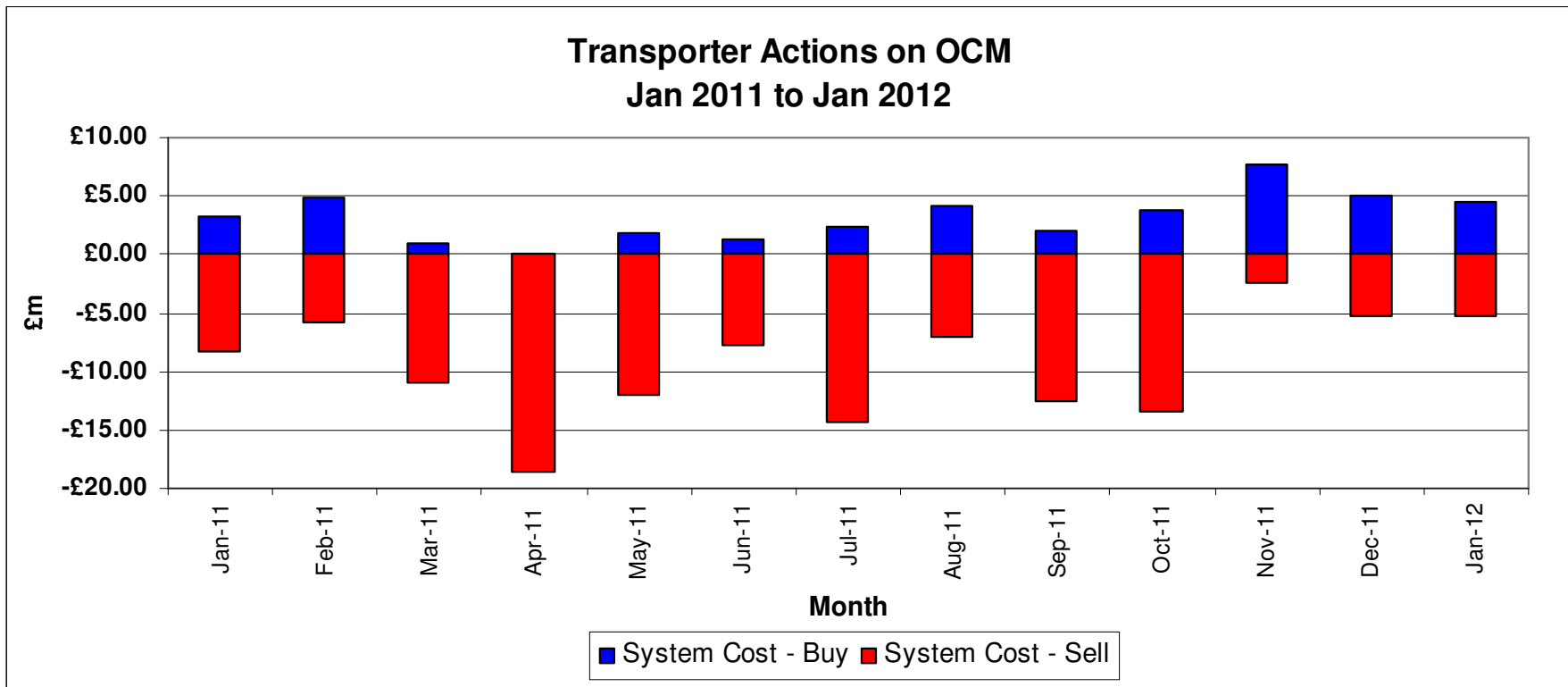


Revenues / Costs

THE POWER OF ACTION

From 1st October 2011 to 31st January 2012

	Quantity TWh	Average p/kWh	Price Therms	Cost £m
System Buy	1.08	1.96	57.29	£21.03
System Sell	-1.44	1.83	53.74	-£26.42
Net Position	-0.36			-£5.39

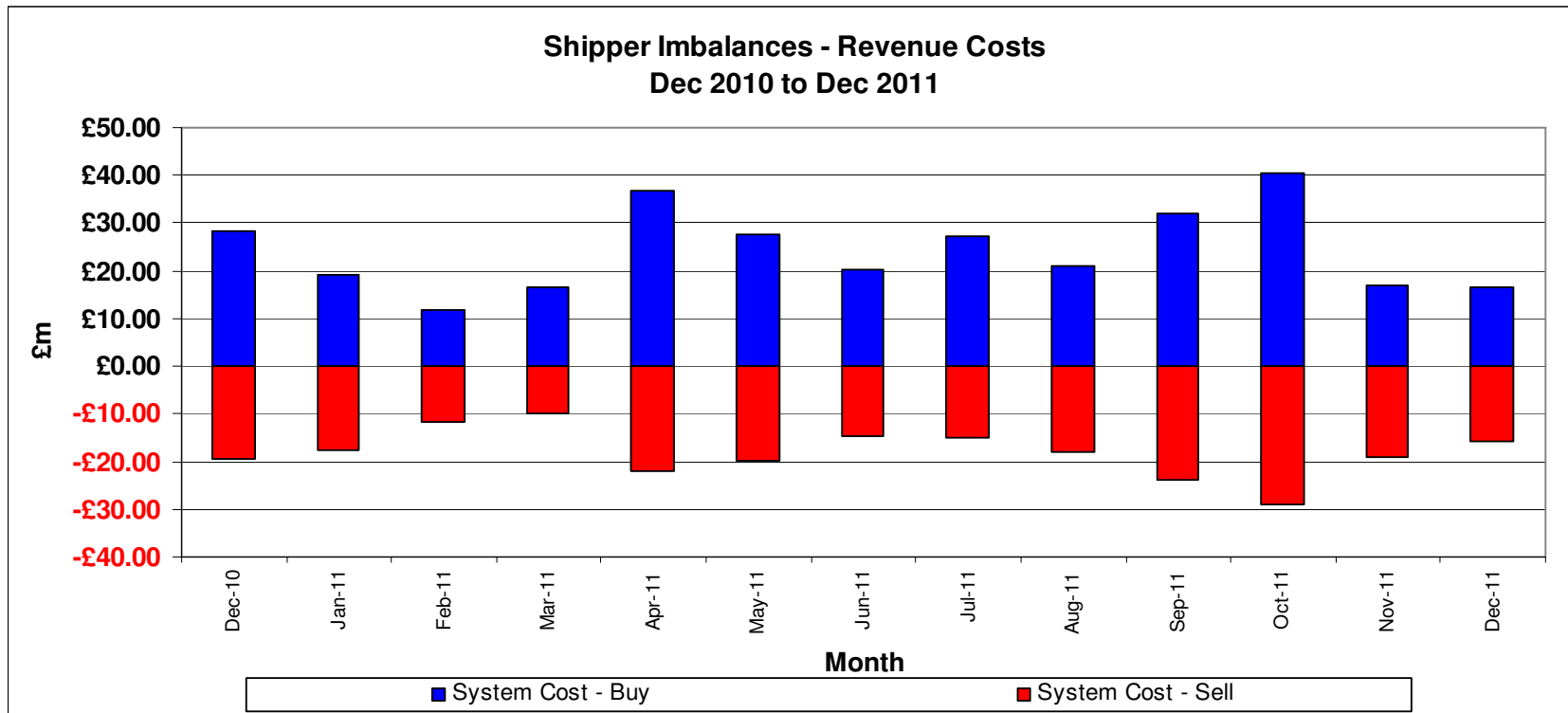


Shipper Imbalance

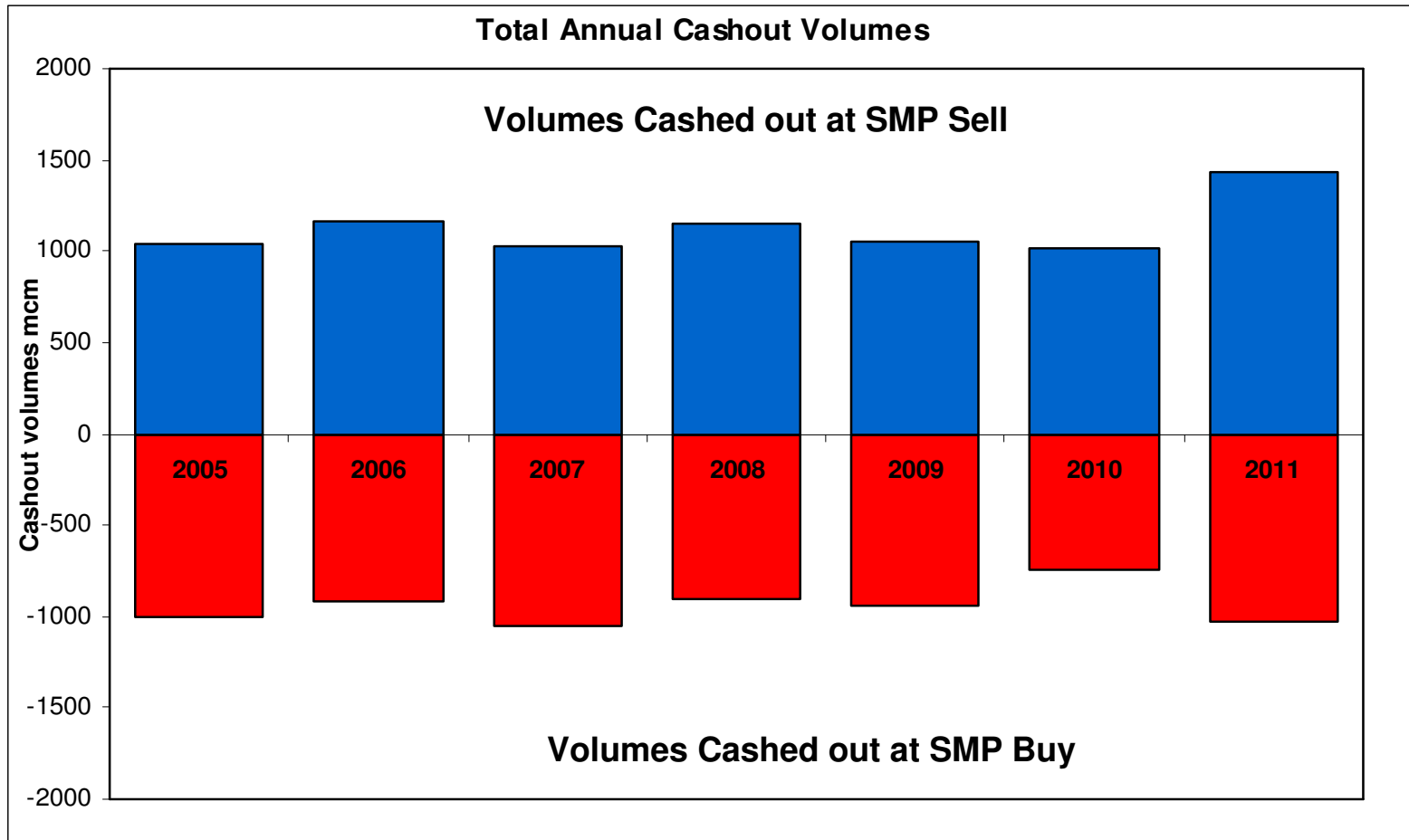
Revenues / Costs

From 1st October 2011 to 31st December 2011

	Quantity (TWH)	Average Price P/KWh	Average price P/Therm	Cost £m
System Buy	4.05	1.83	53.52	£73.91
Shipper Over Delivery/Cost to Neutrality				
System Sell	-3.3	1.93	56.58	-£63.69
Shipper Under Delivery/Revenue to Neutrality				
Net Position	0.75			£10.22



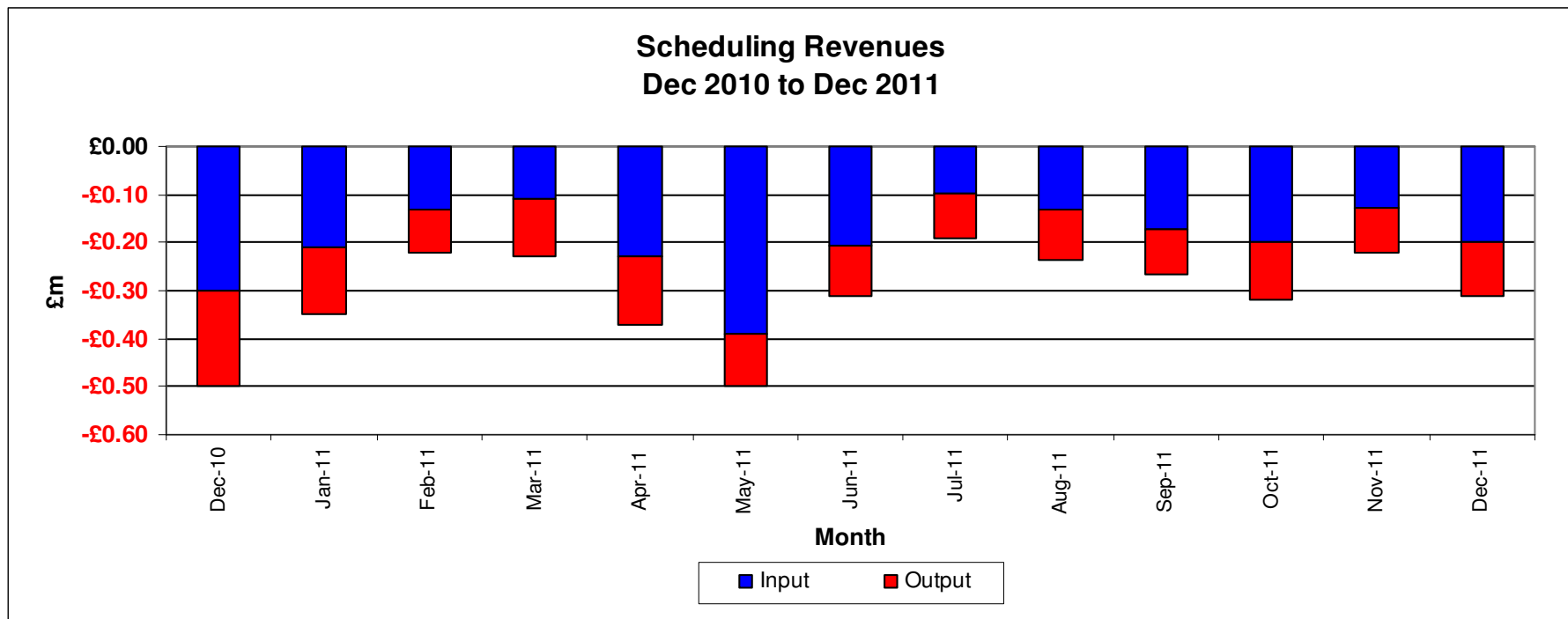
Annual Cashout Volumes (2005 – 2011)



Scheduling Revenues

From 1st October 2011 to 31st December 2011

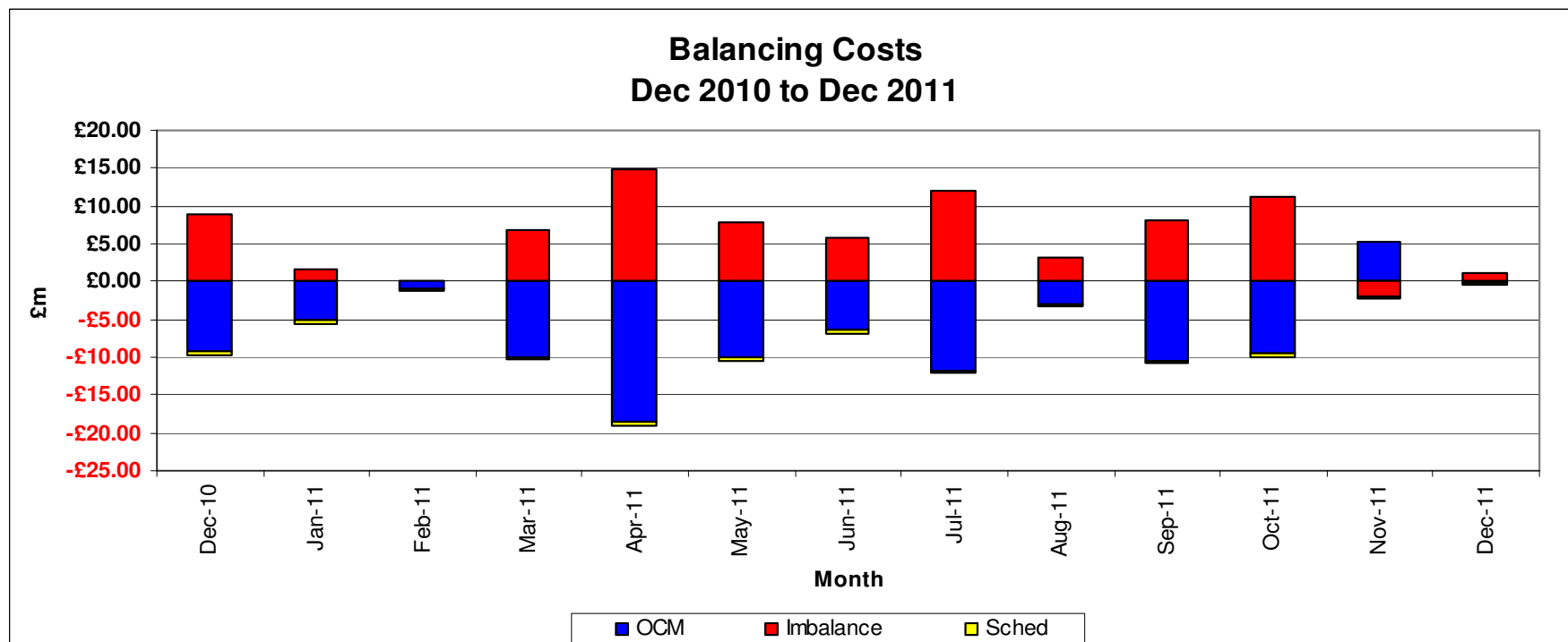
Input	Cost £m -£0.53
Output	-£0.33
Total	-£0.86



Balancing Costs

From 1st Oct 2011 to 31st Dec 2011

Transporter Actions on OCM	£m
	-£4.50
Imbalance Charge	10.22
Scheduling Charge	-£0.86
Balancing Cost	£4.86



Capacity Neutrality

Revenues from WDDSEC and DAI

From 1st April 2011 to 31st December 2011

nationalgrid

THE POWER OF ACTION

	2011	2010
St Fergus	£46,648.55	£111,009.87
Teesside	£5,437.30	£12,456.52
Barrow	£4,590.00	£4,719.45
Theddlethorpe	£15,709.06	£18,776.92
Easington	£84,141.70	£172,252.90
Bacton	£30,981.44	£64,531.44
Other	£470.31	£107,644.85
Net Revenue	£187,978.36	£491,391.95

Capacity Neutrality

Prompt Buy Backs

From 1st April 2011 to 31st December 2011

ASEP	Cost	No. of Days	Energy (kWh)
St.Fergus	£0.00	0	0
Teesside	£0.00	0	0
Barrow	£0.00	0	0
Theddlethorpe	£0.00	0	0
Easington	£0.00	0	0
Bacton	£0.00	0	0
TOTAL	£0.00	0	0

Capacity Neutrality

Capacity Management Agreement (Including RMTTSEC)

From 1st April 2011 to 31st December 2011

Month	Cost
Apr-11	£0.00
May-11	£0.00
Jun-11	£0.00
Jul-11	£0.00
Aug-11	£0.00
Sep-11	£0.00
Oct-11	£508,399.98
Nov-11	£492,000.00
Dec-11	£508,400.00
Jan-12	
Feb-12	
Mar-12	
TOTAL *	£1,508,799.98

* Includes Total Capacity Constraint Management Costs implemented through MOD 0349 [Introduction of a Force Majeure Capacity Management Arrangement].

Capacity Neutrality

Revenues from Locational Sells and PRI Charges

From 1st April 2011 to 31st December 2011

Month	Revenue
Apr-11	-£389,844.80
May-11	-£799,666.50
Jun-11	£0.00
Jul-11	£0.00
Aug-11	£0.00
Sep-11	£0.00
Oct-11	£0.00
Nov-11	£0.00
Dec-11	£0.00
Jan-12	
Feb-12	
Mar-12	
TOTAL	-£1,189,511.30

Capacity Neutrality

Revenues from Entry Cap Overruns and Non-Obligated Sales

From 1st April 2011 to 31st December 2011

Month	Entry Capacity	Non-Obligated Sales
Apr-11	-£10,737.90	£0.00
May-11	-£35,509.78	£0.00
Jun-11	-£14,936.59	£0.00
Jul-11	-£22,040.97	£0.00
Aug-11	-£759.84	£0.00
Sep-11	-£1,541.81	£0.00
Oct-11	-£31,319.55	-£55,973.60
Nov-11	-£2,469.86	-£54,168.00
Dec-11	Not yet available	-£55,973.60
Jan-12		
Feb-12		
Mar-12		
TOTAL	-£119,316.30	-£166,115.20

Capacity Neutrality Net Cost / Revenue

From 1st April 2011 to 31st December 2011

Month	Revenue
WDDSEC/DAI Revenue	-£187,978.36
Buy Back Costs	£0.00
Capacity management Agreement	£1,508,799.98
Entry Capacity Overrun Revenue	-£119,316.30
Non-Obligated Sales Revenue	-£166,115.20
Revenue from Locational Sells and PRI Charges	-£1,189,511.30
Net Revenue	-£154,121.18