

# Operational Forum Meeting



13th April 2011, 10:30AM, Radisson Grafton Hotel, 130 Tottenham Court Road, London.

# System Management Principles Statement



# System Management Principles Statement

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- Compliance report Period March 2011
- Summary of balancing actions and breaches for March 2011
- Performance compared to last year

# Summary Report

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Mar 2011

Total Number of Buy Actions	5
Total Number of Sell Actions	23
Total	28
Number of Material Breaches	0
Number of Non-Material Breaches	0

## 2010 / 2011 Comparison

	To Mar 2010	To Mar 2011
Number of Balancing Actions (Calendar year to date)	108	85
Number of Material Breaches (Calendar year to date)	0	0
Number of Non Material Breaches (Calendar year to date)	0	0

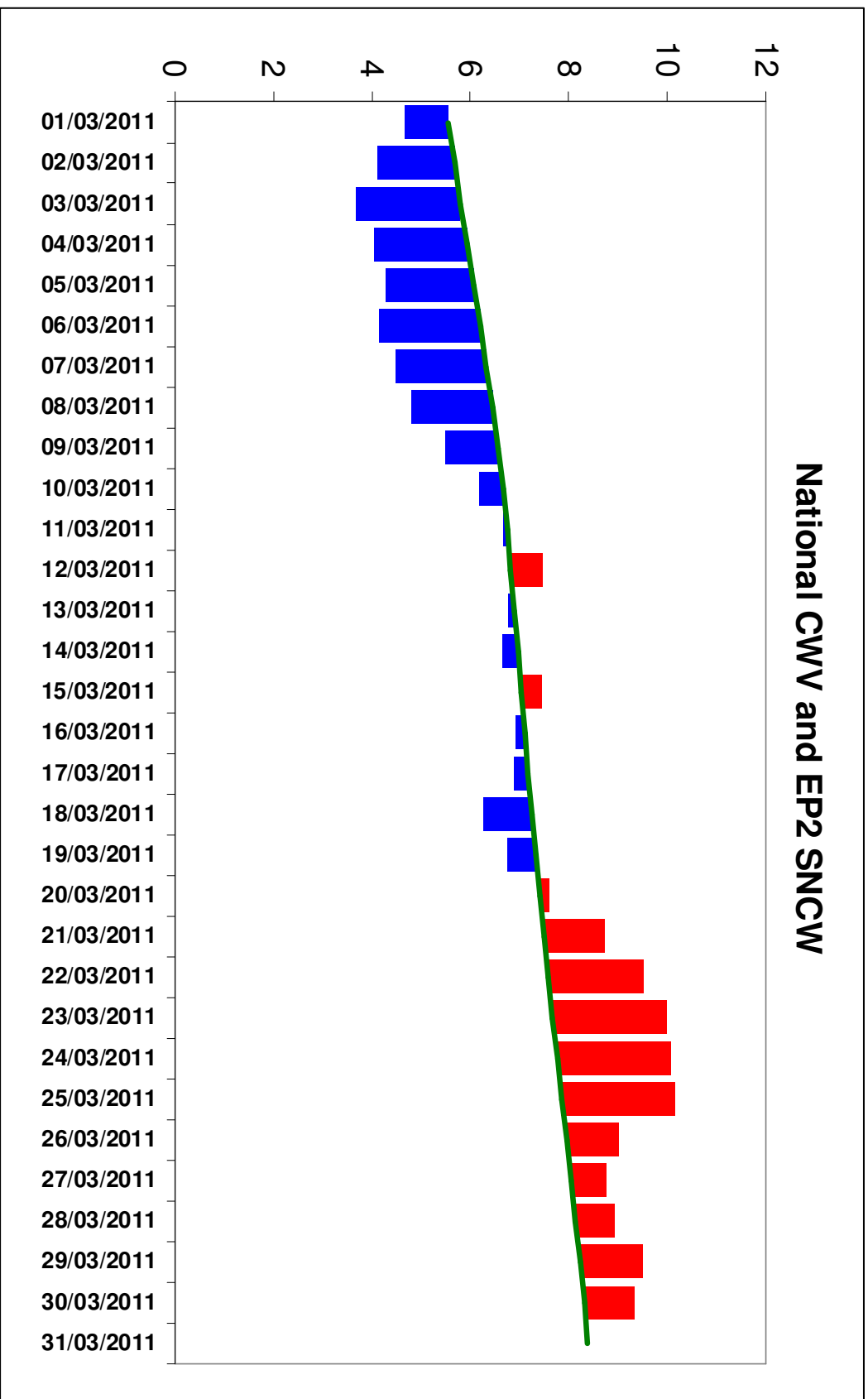
# Operational Overview



# Weather



# Weather – March 2011

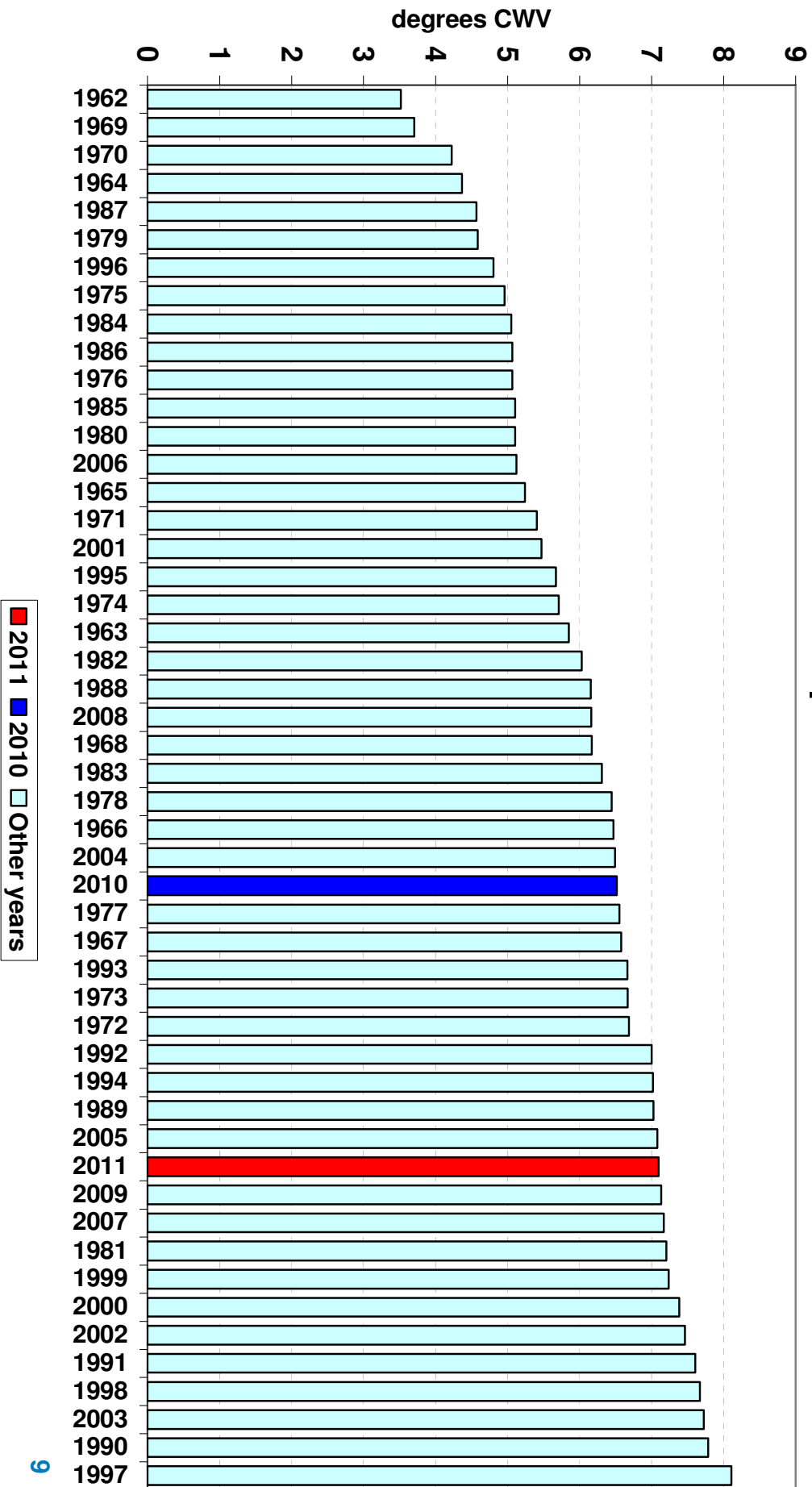




# Mean Composite Weather Variables – March 2011



## Mean National Composite Weather for March

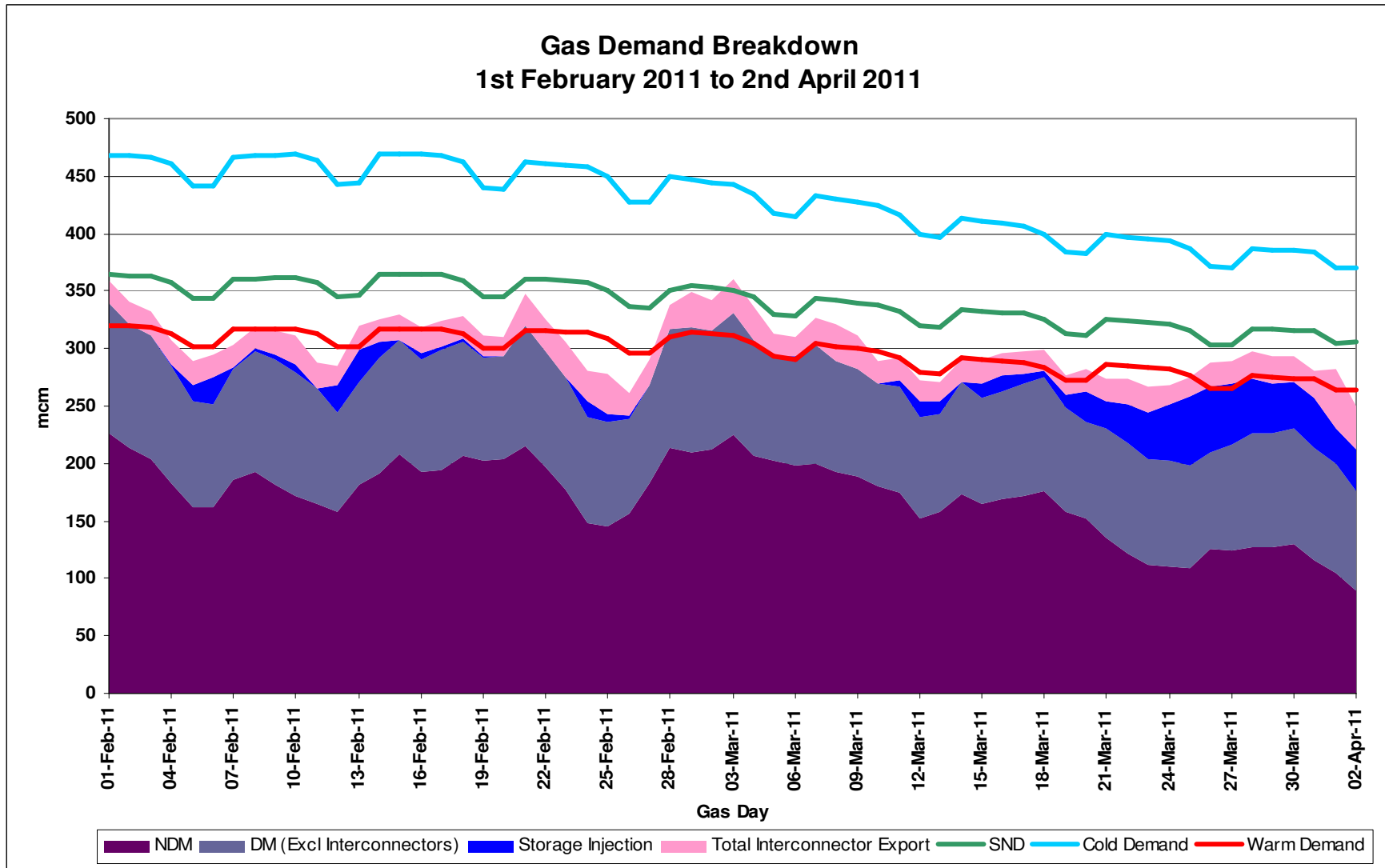


# Demands



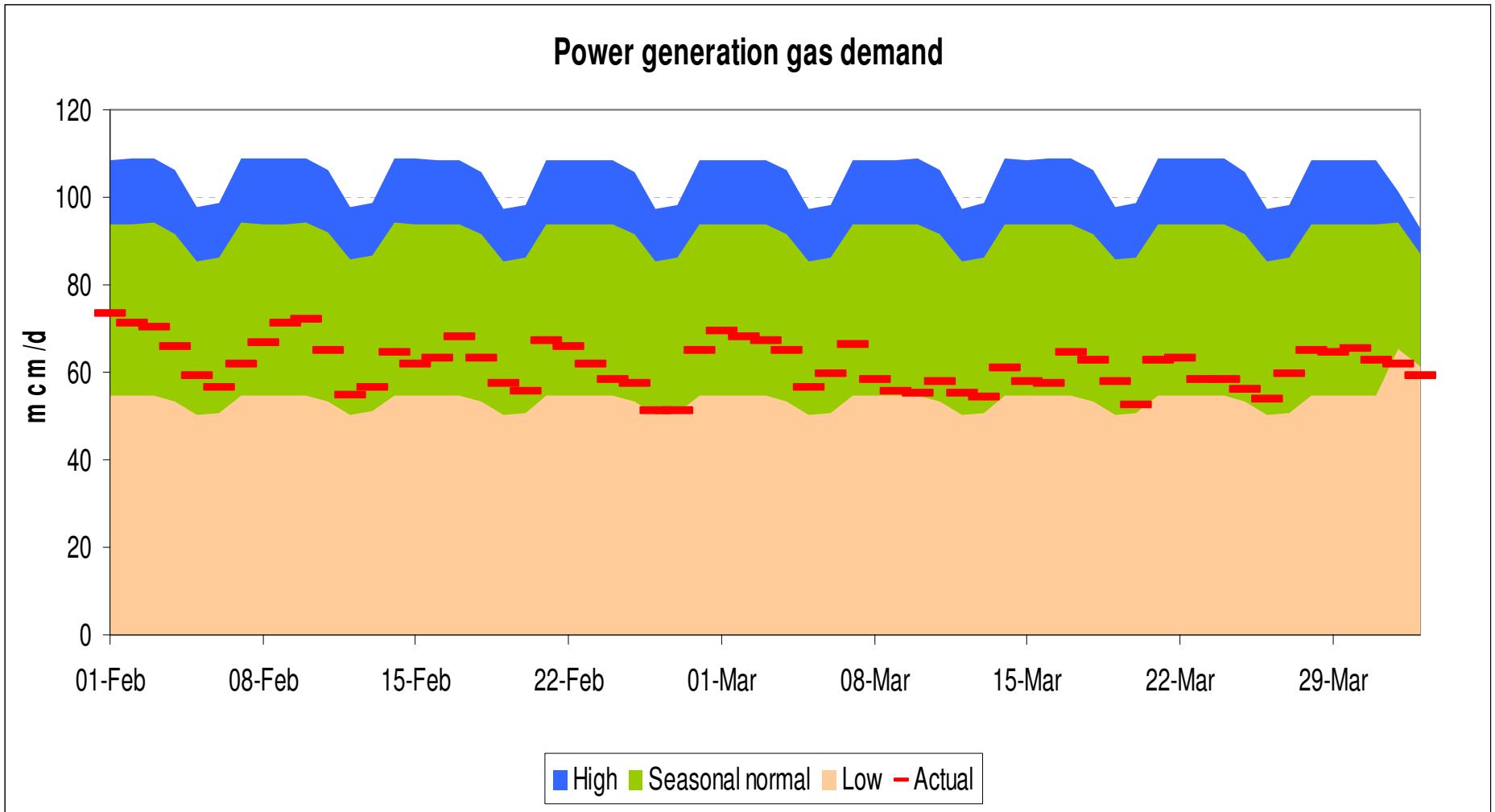
# Gas Demand Breakdown

1<sup>st</sup> February 2011 to 2<sup>nd</sup> April 2011



# Power Generation

1st February 2011 to 2nd April 2011



# Supplies

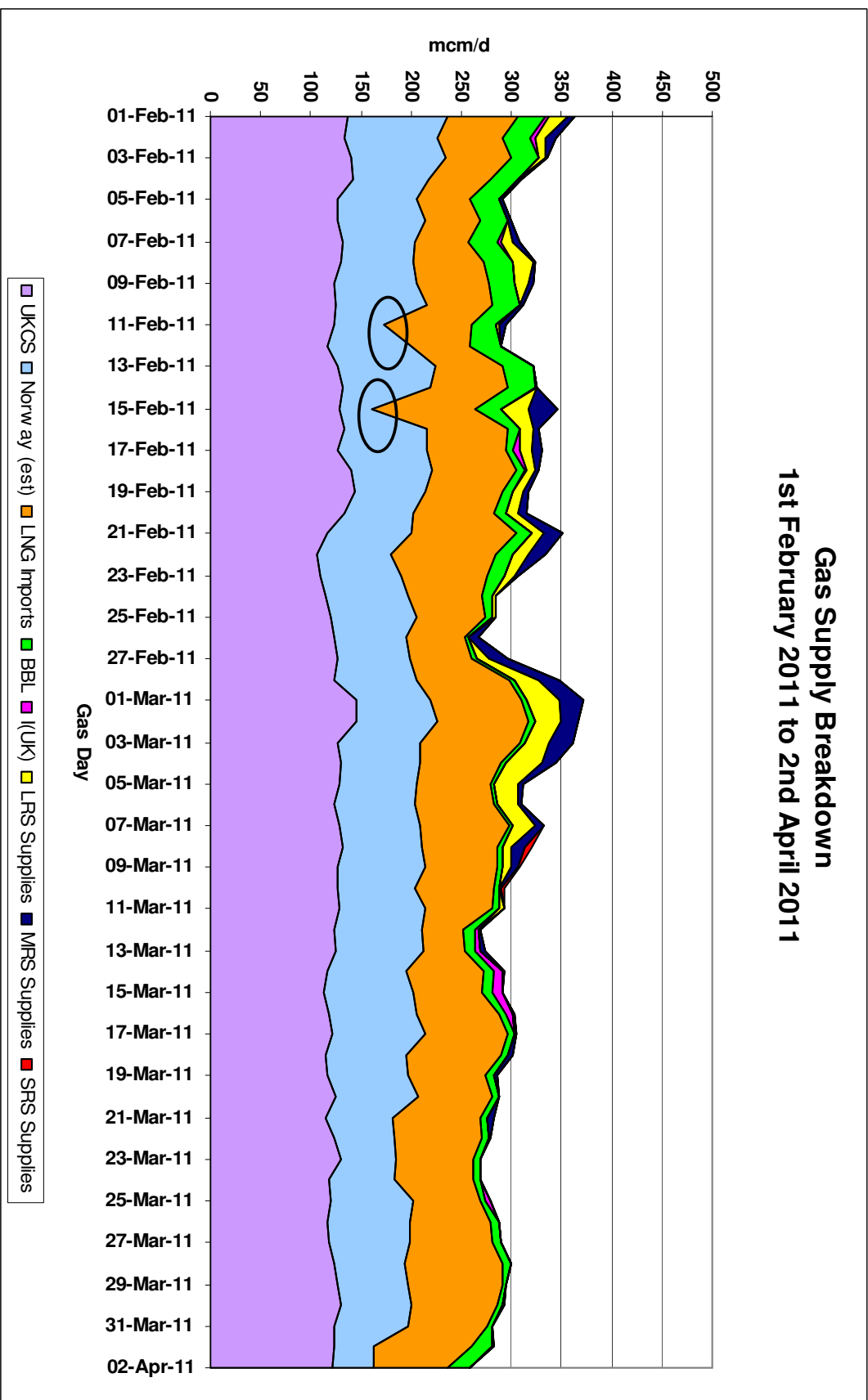


# Gas Supply Breakdown

1st February 2011 to 2nd April 2011

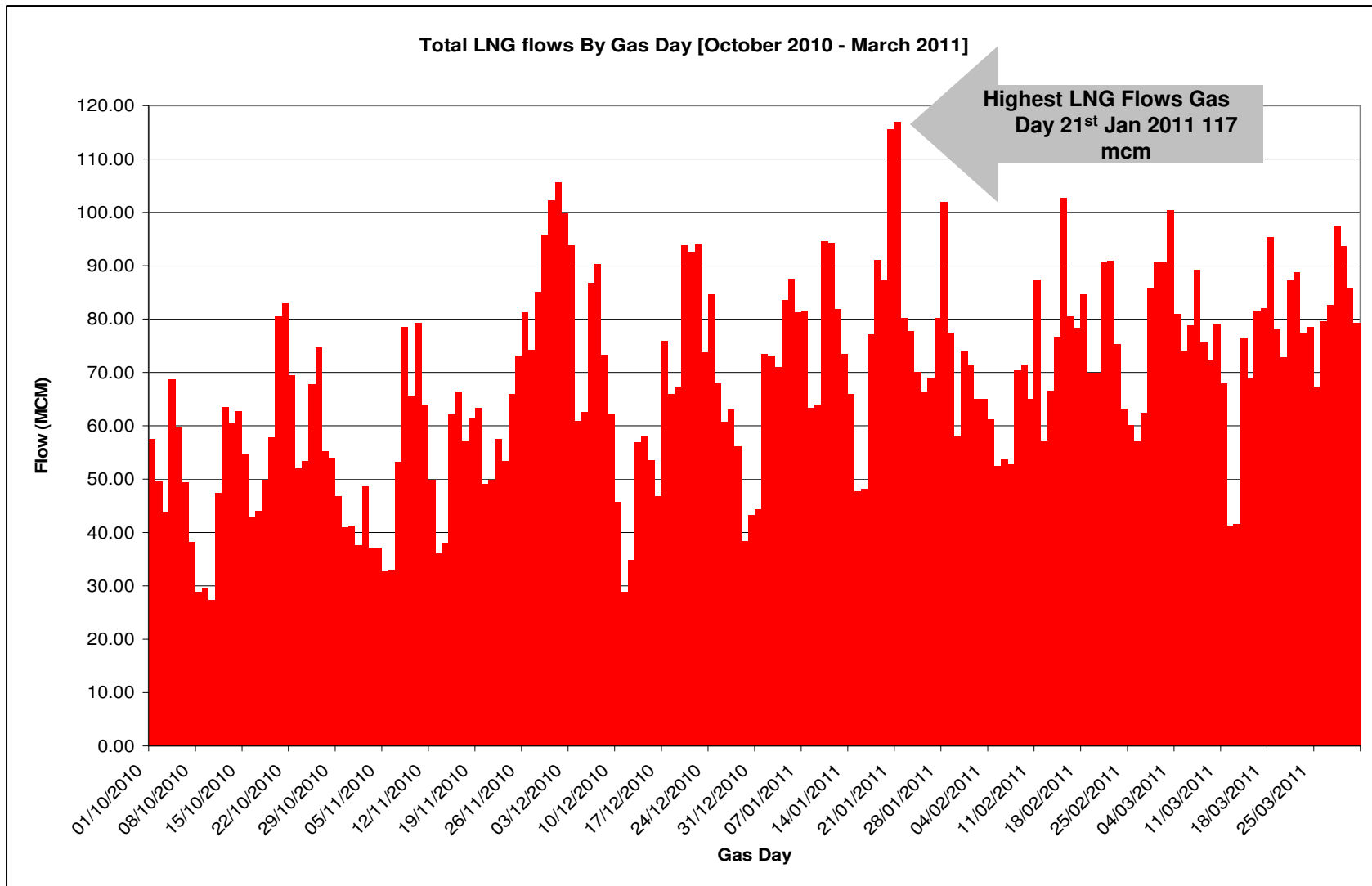


Gas Supply Breakdown  
1st February 2011 to 2nd April 2011



# Gas Supply Breakdown

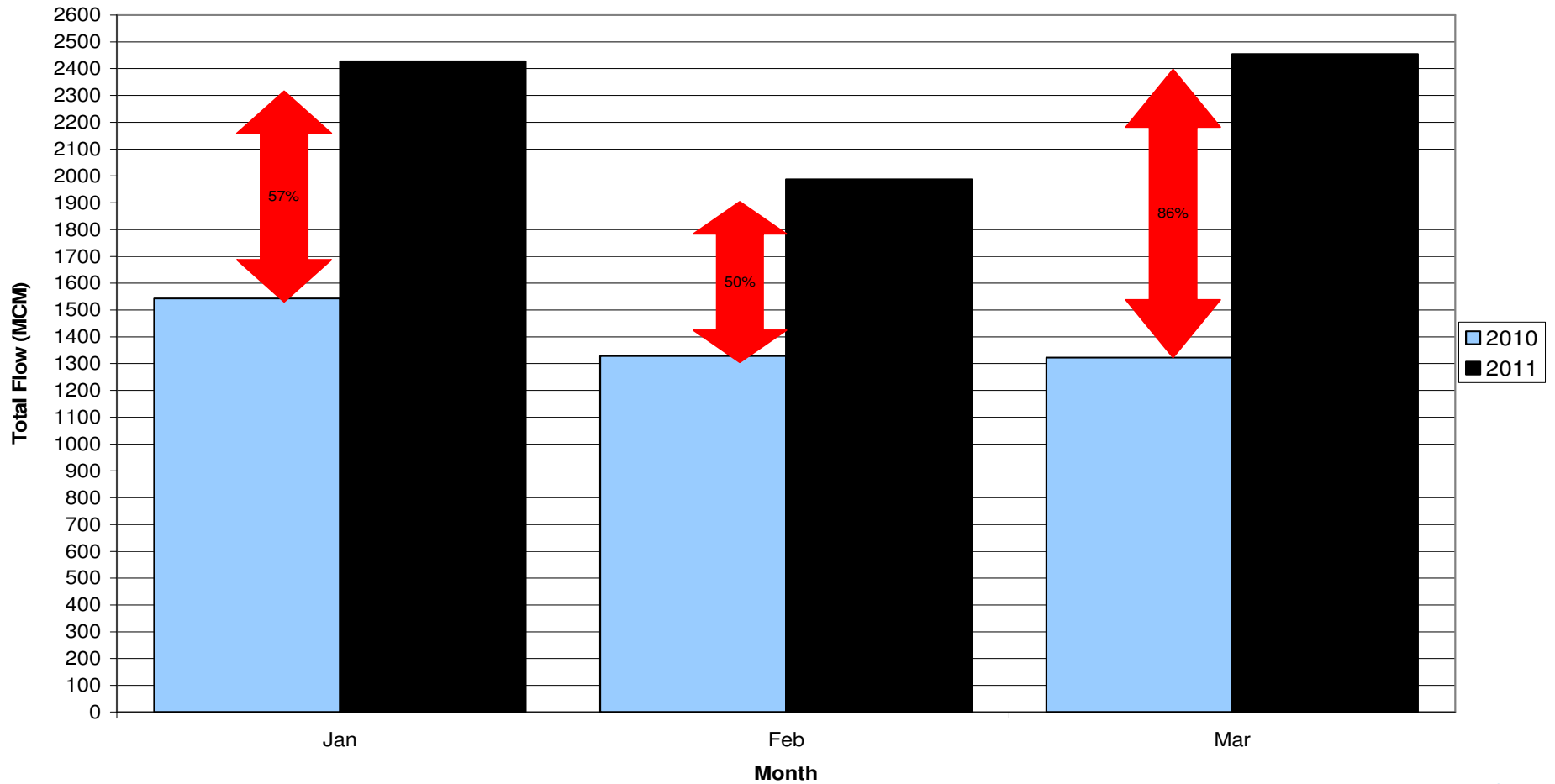
## LNG Flows



# Gas Supply Breakdown

## LNG Flows

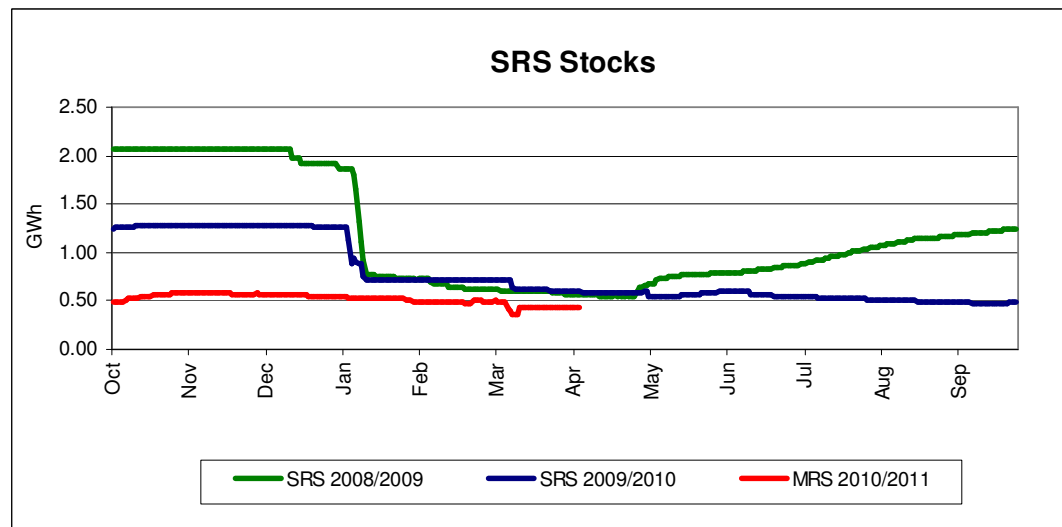
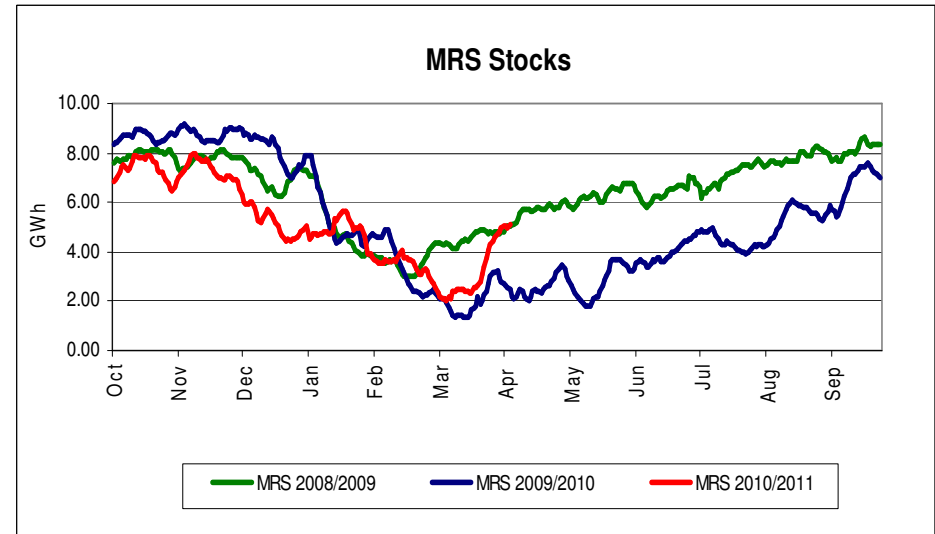
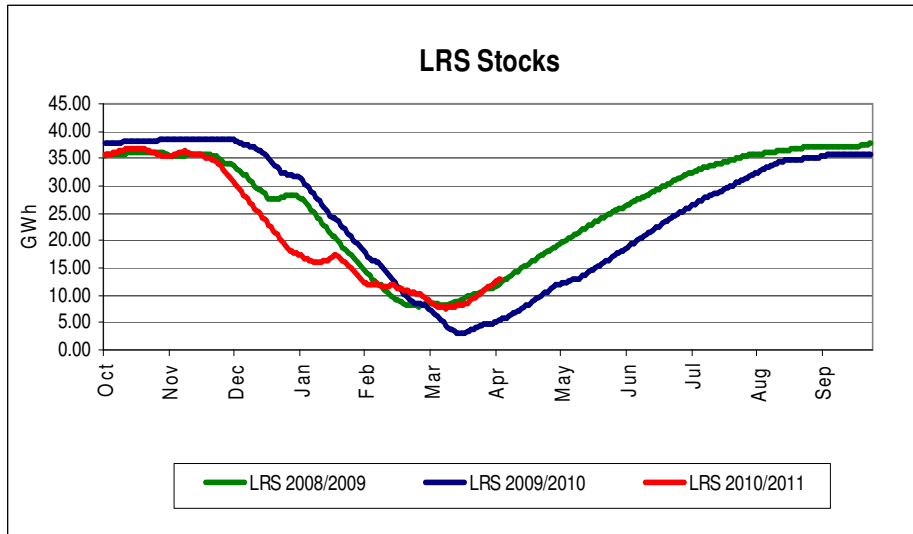
Total LNG Flows 2010 Vs 2011





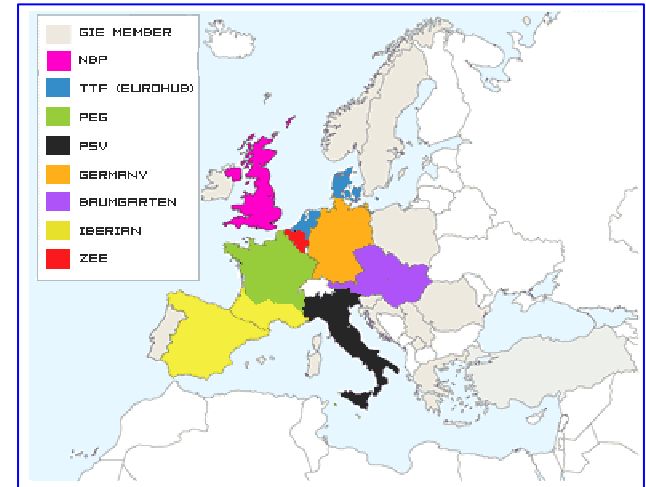
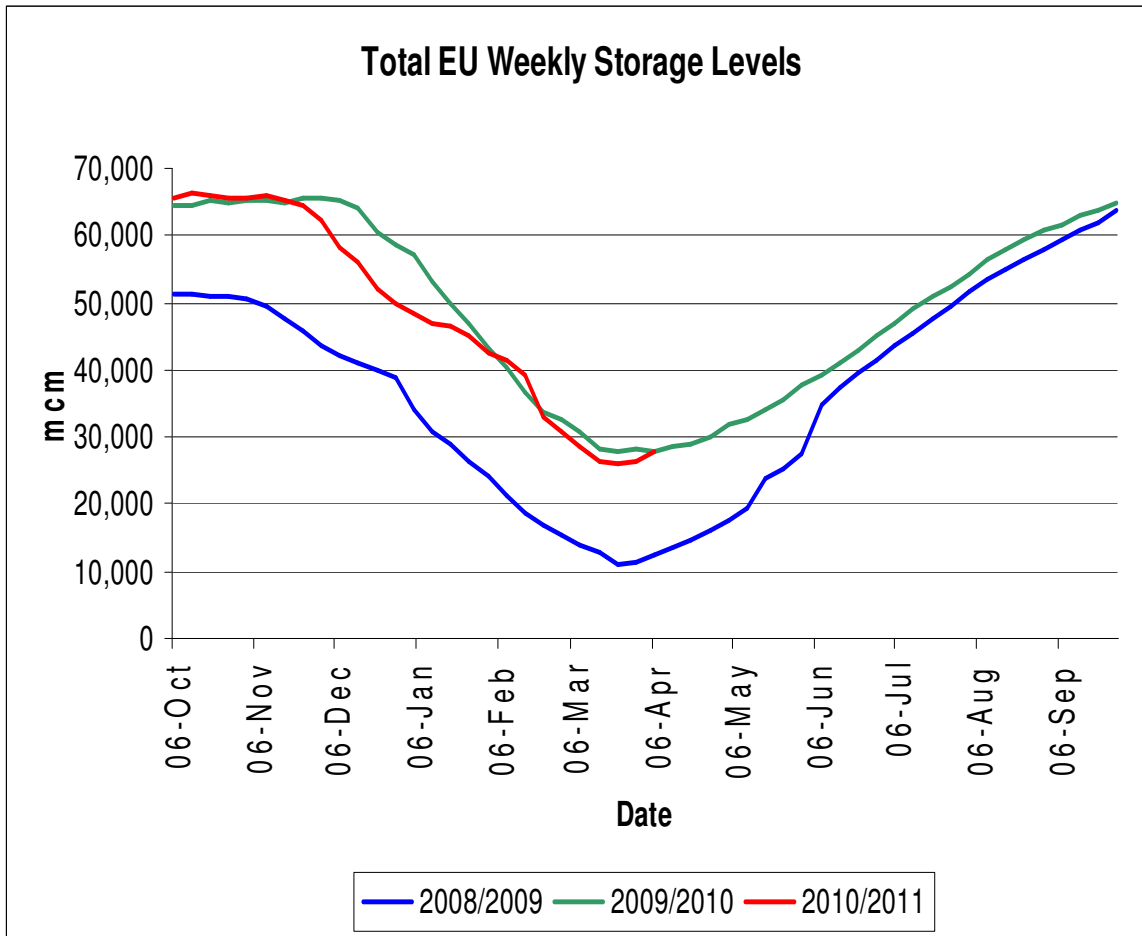
# Storage Stocks - UK

From 1<sup>st</sup> October 2010 to 7<sup>th</sup> April 2011



# Storage Stocks - EU

From 1<sup>st</sup> October 2010 to 5<sup>th</sup> April 2011



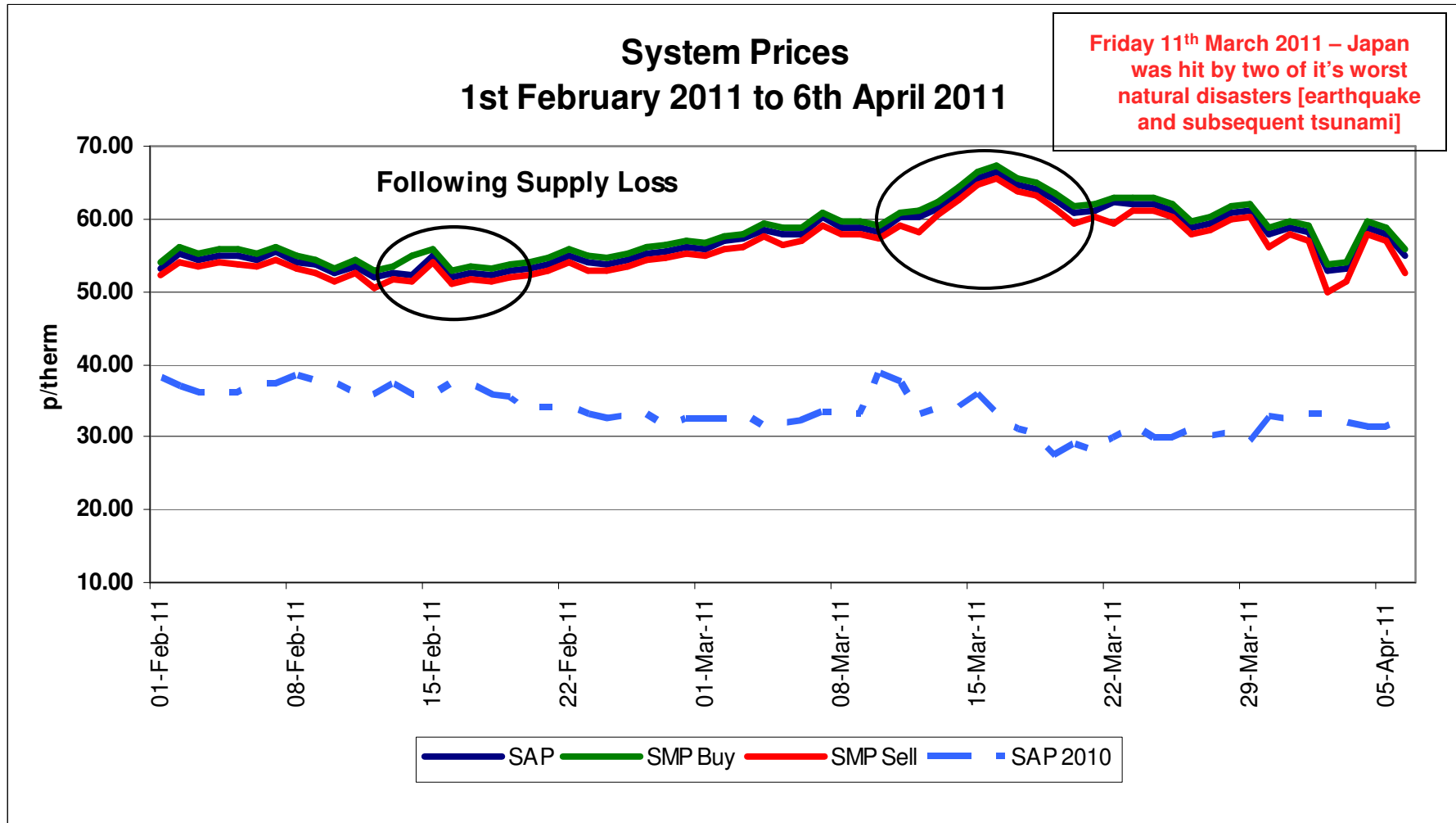
Stocklevel Status at 06:00CET on Monday 11.04.11		
Hub Area	Stock Level (mcm)	% Full
Baumgarten	6945.74	44.37%
Germany	8482.40	42.53%
Iberian	1120.00	47.33%
NBP	1914.00	40.24%
France	3369.00	27.05%
PSV	8026.95	53.68%
TTF (Eurohub)	1202.21	58.53%
ZEE	144.84	21.45%
<b>Total Hubs</b>	<b>31205.14</b>	<b>42.83%</b>

# Transporter Actions and Neutrality



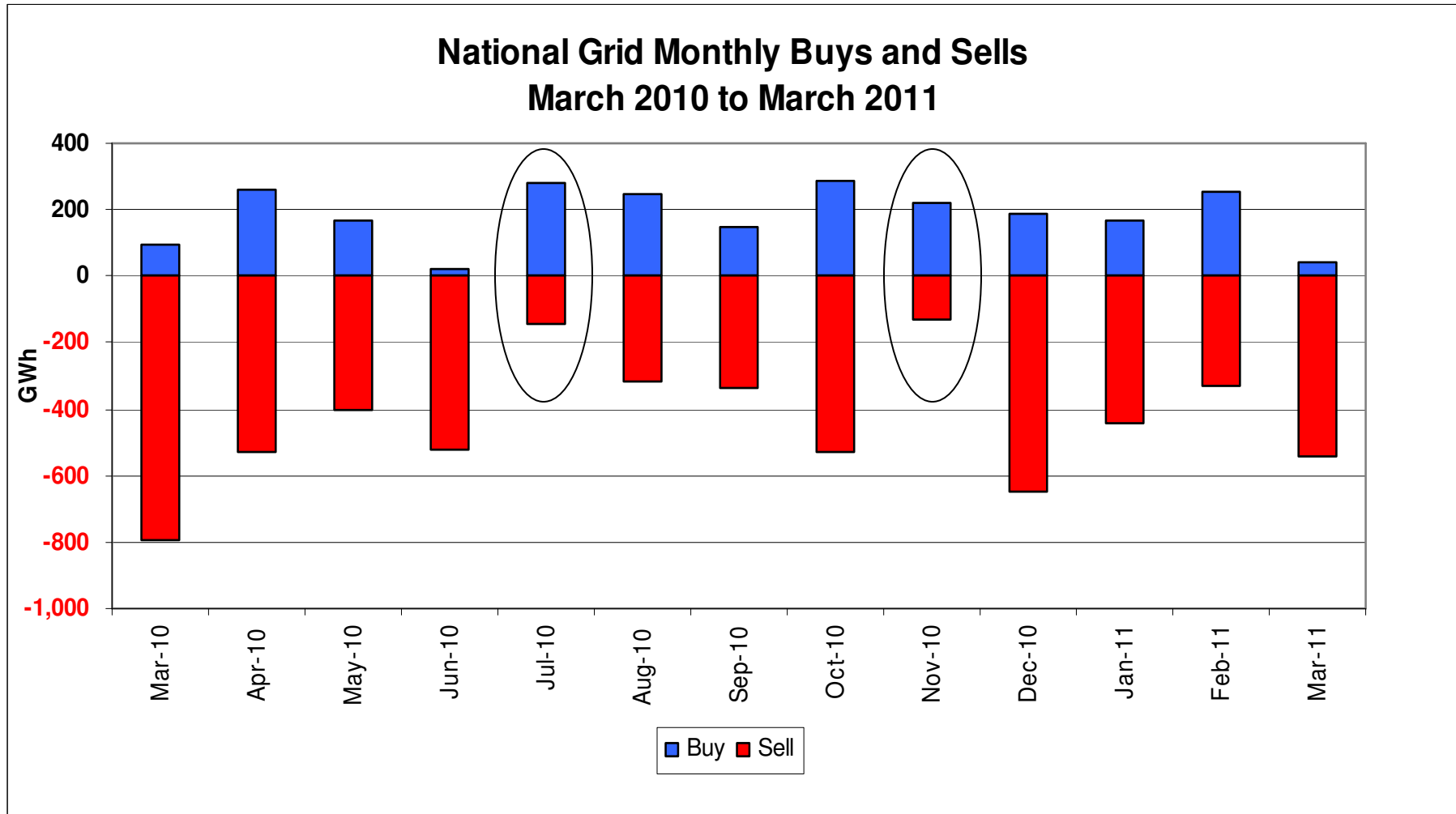
# System Prices

1<sup>st</sup> February 2011 to 6<sup>th</sup> April 2011



# Transporter Energy Traded on the OCM

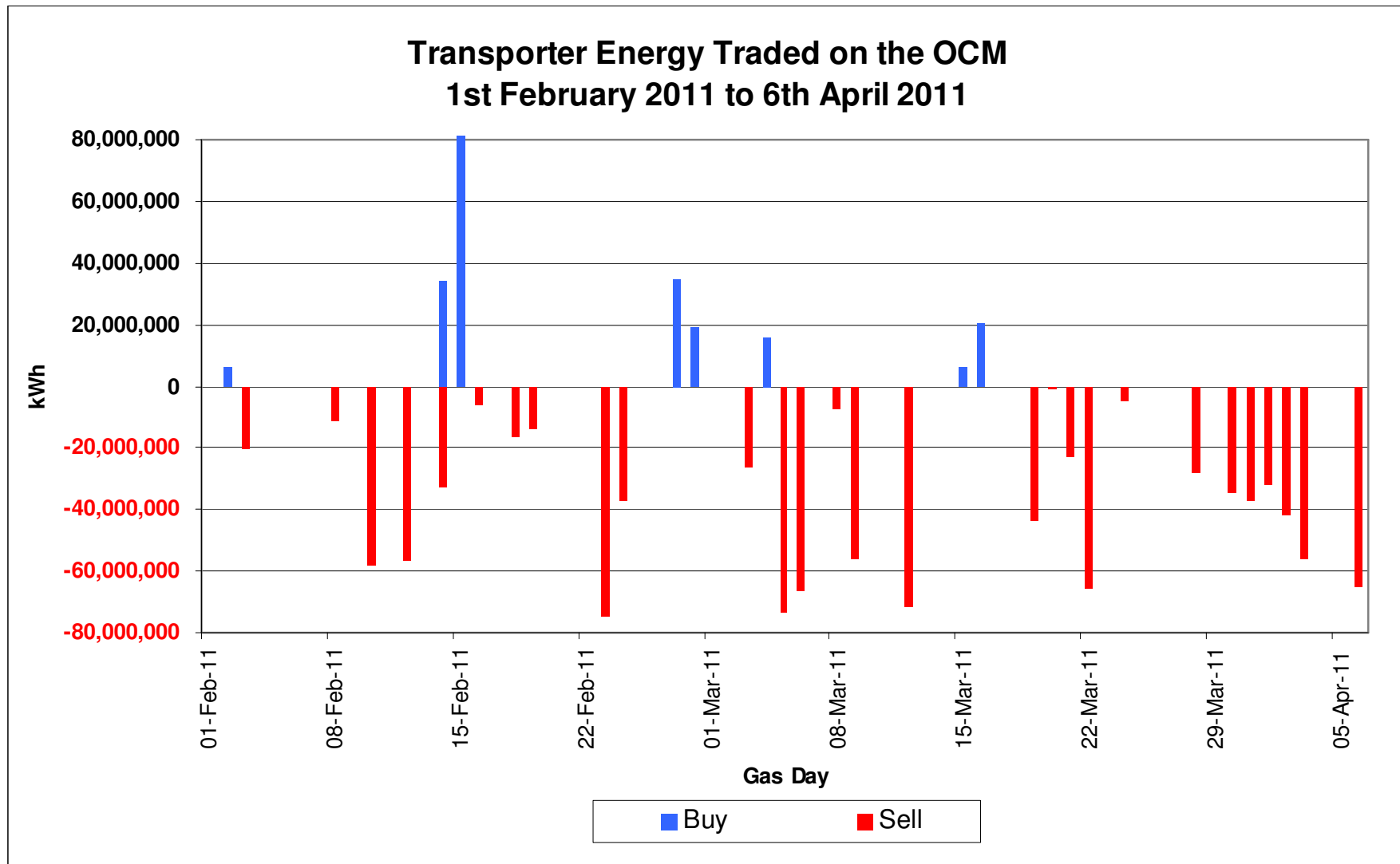
Buys and Sells by Month  
From March 2010 to March 2011



# Transporter Energy Traded on the OCM

Buys and Sells by Day

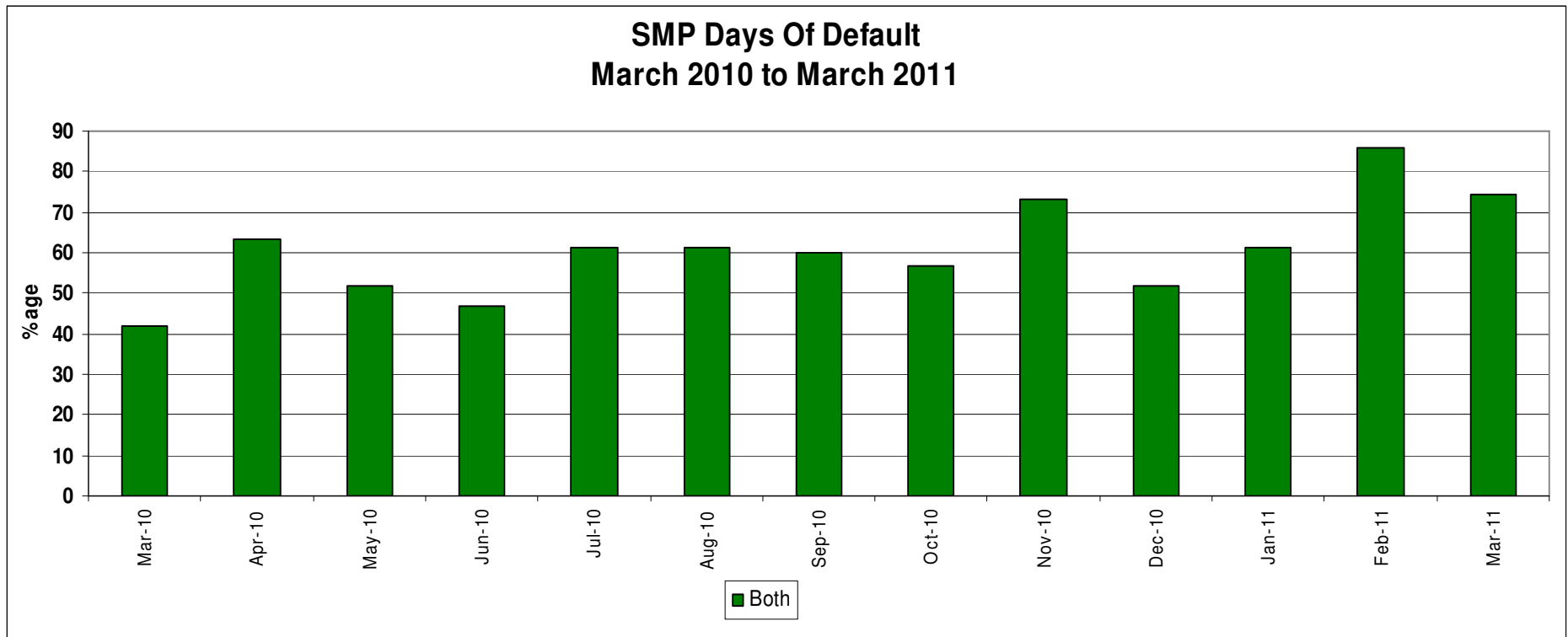
From 1<sup>st</sup> February 2011 to 6<sup>th</sup> April 2011



# Days of Default SMP Prices

From March 2010 to March 2011

	<b>SMP Buy</b>	<b>SMP SELL</b>	<b>Both</b>
<b>Feb-11</b>	<b>92.90%</b>	<b>92.90%</b>	<b>85.70%</b>
<b>Mar-11</b>	<b>96.80%</b>	<b>77.40%</b>	<b>74.20%</b>

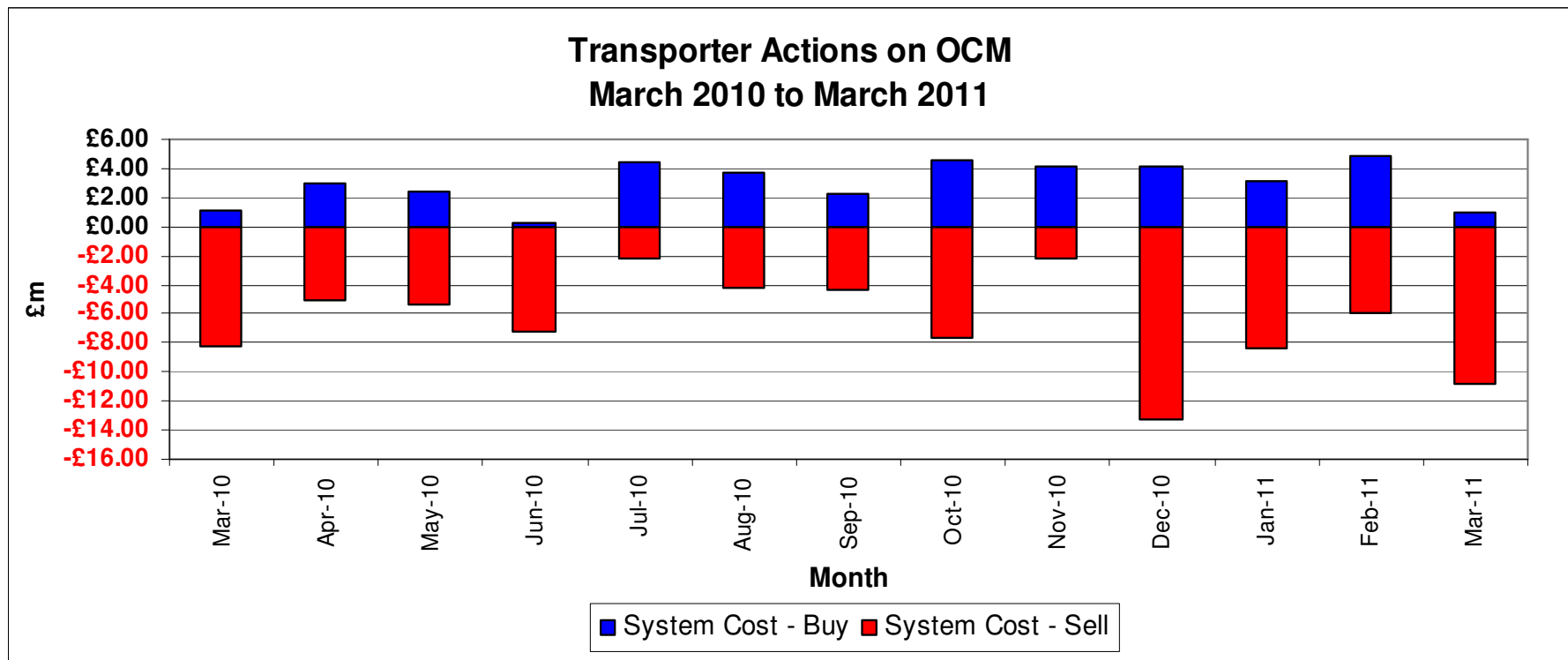


# Transporter Actions on the OCM Mechanism

## Revenues / Costs

From 1<sup>st</sup> October 2010 to 31<sup>st</sup> March 2011

	Quantity TWh	Average p/kWh	Price Therms	Cost £m
System Buy	1.16	1.87	54.7	£21.64
System Sell	-2.62	1.84	53.87	-£48.15
<b>Net Position</b>	<b>-1.46</b>			<b>-£26.51</b>



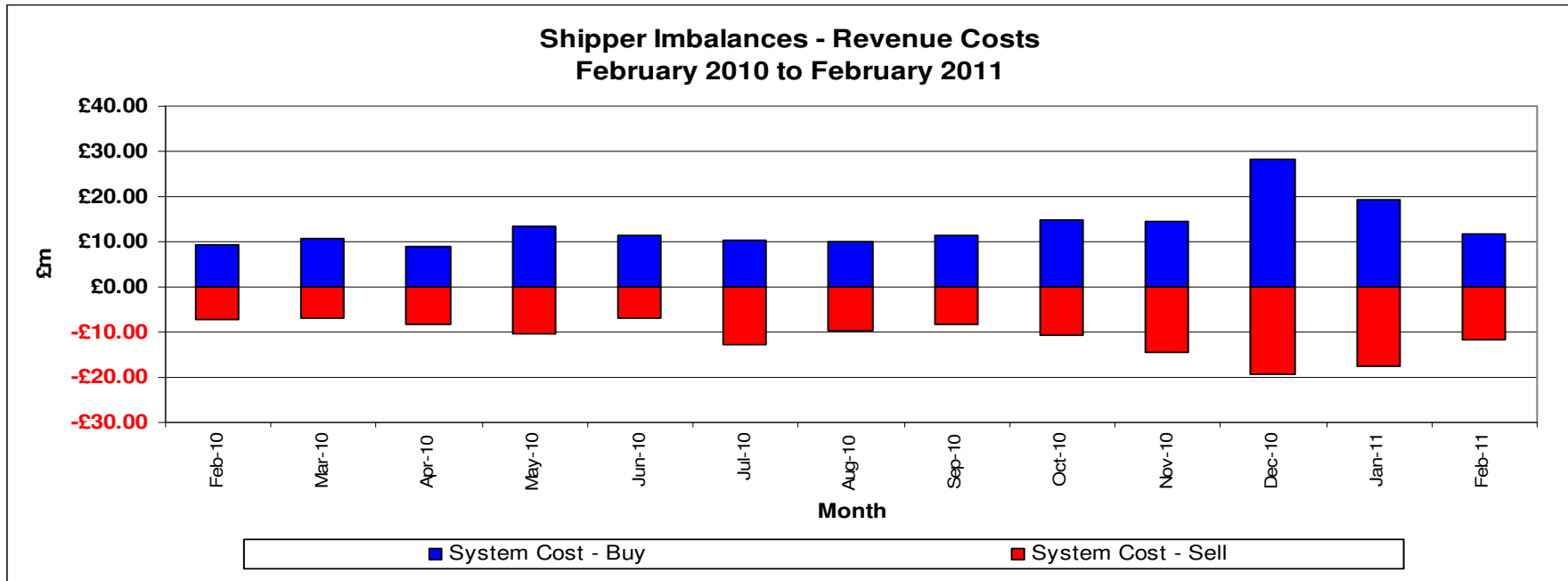


# Shipper Imbalance

## Revenues / Costs

From 1<sup>st</sup> October 2010 to 28<sup>th</sup> February 2011

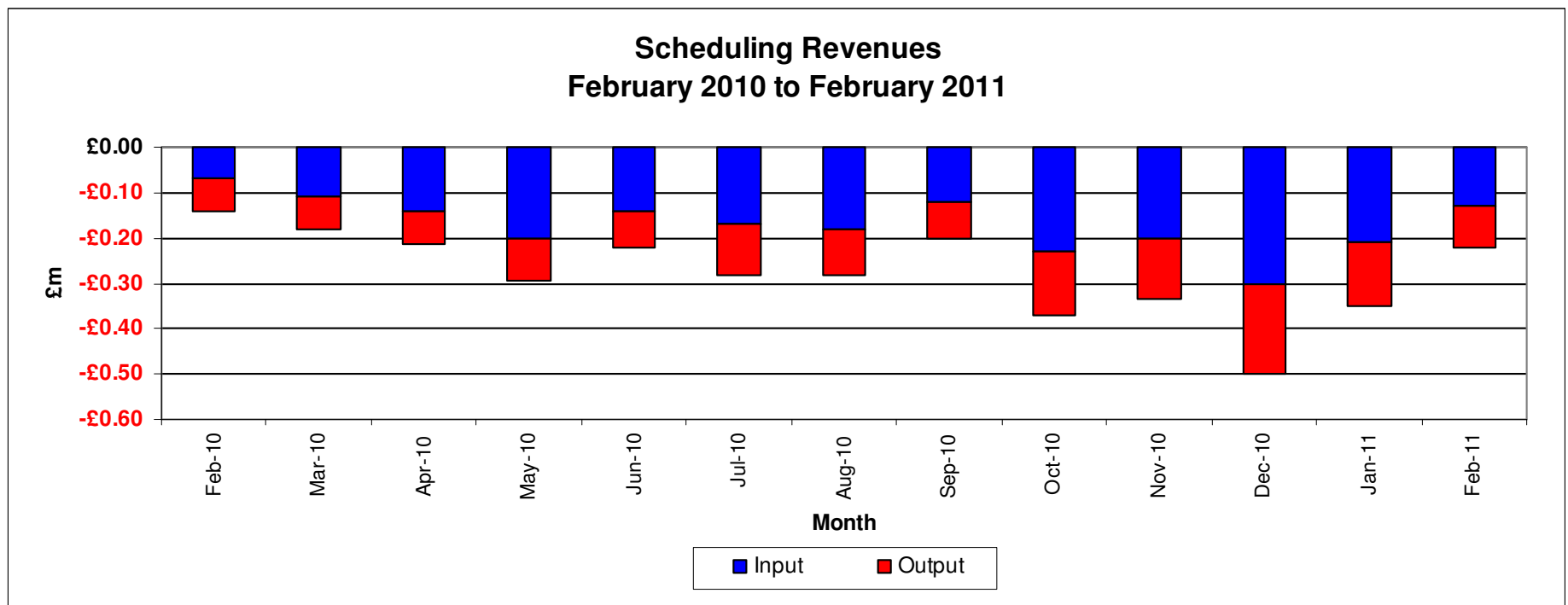
	Quantity (TWh)	Average Price P/KWh	Average price P/Therm	Cost £m
<b>System Buy</b> Shipper Over Delivery/Cost to Neutrality	4.98	1.78	52.24	£88.84
<b>System Sell</b> Shipper Under Delivery/Revenue to Neutrality	-3.91	1.88	55.2	-£73.75
<b>Net Position</b>	1.07			£15.09



# Scheduling Revenues

From 1<sup>st</sup> October 2010 to 28<sup>th</sup> February 2011

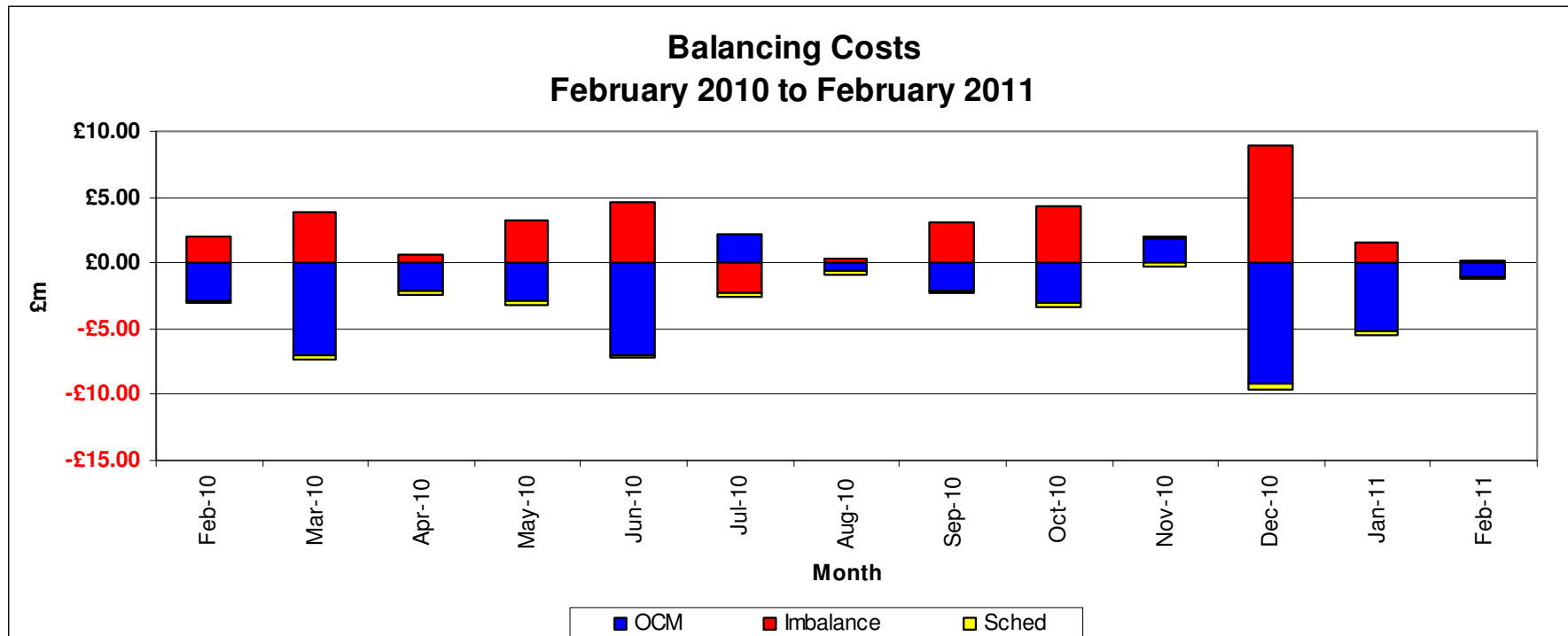
<b>Input</b>	<b>-£1.06</b>
<b>Output</b>	<b>-£0.70</b>
<b>Total</b>	<b>-£1.76</b>



# Balancing Costs

From 1<sup>st</sup> October 2010 to 28<sup>th</sup> February 2011

	<b>£m</b>
<b>Transporter Actions on OCM</b>	<b>-£16.55</b>
<b>Imbalance Charge</b>	<b>15.09</b>
<b>Scheduling Charge</b>	<b>-£1.76</b>
<b>Balancing Cost</b>	<b>-£3.22</b>

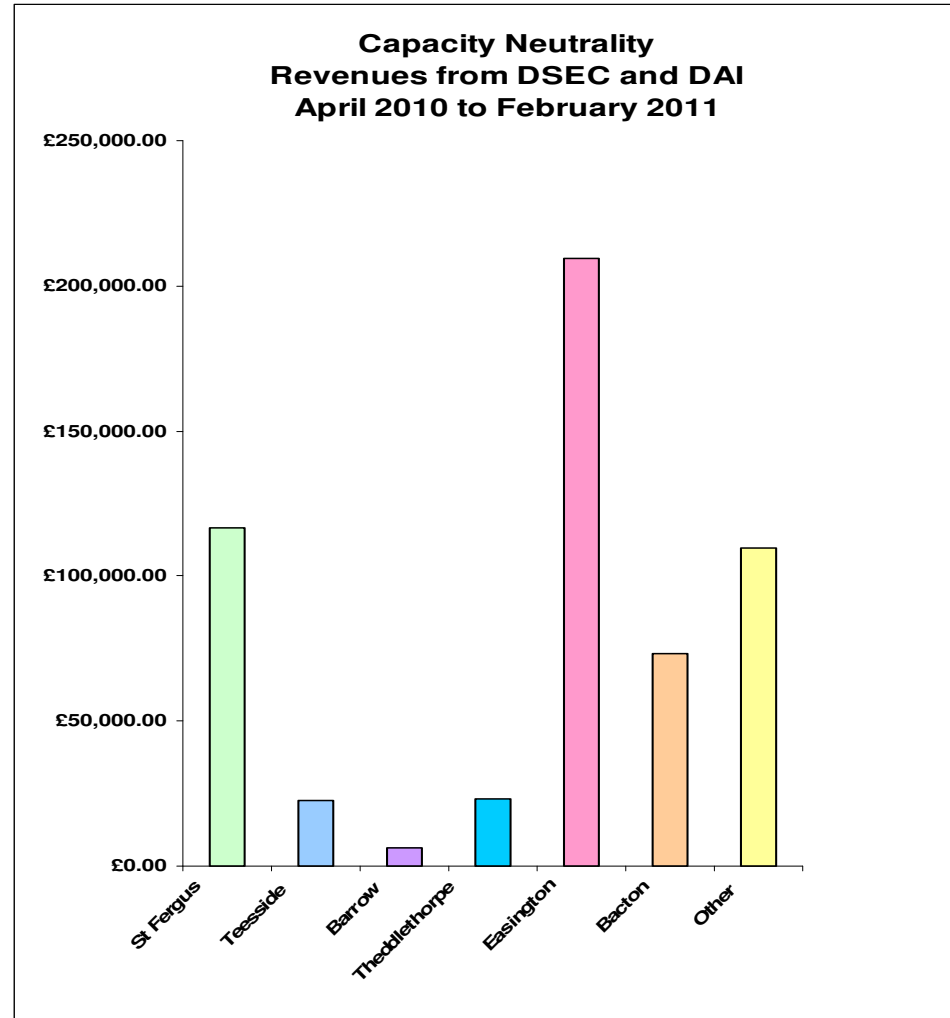


# Capacity Neutrality

Revenues from DSEC and DAI

From 1<sup>st</sup> April 2010 to 28<sup>th</sup> February 2011

<b>St Fergus</b>	£116,723.06
<b>Teesside</b>	£22,545.00
<b>Barrow</b>	£6,432.95
<b>Theddlethorpe</b>	£23,035.80
<b>Easington</b>	£209,595.13
<b>Bacton</b>	£73,167.39
<b>Other</b>	£109,744.85



# Capacity Neutrality

## Prompt Buy Backs

From 1<sup>st</sup> April 2010 to 28<sup>th</sup> February 2011

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<b>ASEP</b>	<b>Cost</b>	<b>No. of Days</b>	<b>Energy (kWh)</b>
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
<b>TOTAL</b>	<b>£0.00</b>	<b>0</b>	<b>0</b>

# Capacity Neutrality

Capacity Management Agreement (Including RMTTSEC)

From 1<sup>st</sup> April 2010 to 28<sup>th</sup> February 2011

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<b>Month</b>	<b>Cost</b>
Apr-10	£0.00
May-10	£0.00
Jun-10	£0.00
Jul-10	£0.00
Aug-10	£0.00
Sep-10	£0.00
Oct-10	£0.00
Nov-10	£0.00
Dec-10	£0.00
Jan-11	£0.00
Feb-11	£0.00
Mar-11	
<b>TOTAL</b>	<b>£0.00</b>

# Capacity Neutrality

Revenues from Locational Sells and PRI Charges

From 1<sup>st</sup> April 2010 to 28<sup>th</sup> February 2011

Month	Revenue
Apr-10	-£1,677,416.00
May-10	£0.00
Jun-10	£0.00
Jul-10	£0.00
Aug-10	-£567,734.00
Sep-10	£0.00
Oct-10	£0.00
Nov-10	-£110,028.00
Dec-10	£0.00
Jan-11	£0.00
Feb-11	£0.00
Mar-11	
<b>TOTAL</b>	<b>-£2,355,178.00</b>

# Capacity Neutrality

Revenues from Entry Capacity Overruns and Non-Obligated Sales

From 1<sup>st</sup> April 2010 to 28<sup>th</sup> February 2011



Month	Entry Capacity	Non-Obligated Sales
Apr-10	-£5,080,778.12	£0.00
May-10	-£13,825.95	-£516.35
Jun-10	-£1,083.26	£0.00
Jul-10	-£77,085.71	£0.00
Aug-10	-£652.54	£0.00
Sep-10	-£1,190.84	£0.00
Oct-10	-£2,977.87	-£56,215.68
Nov-10	-£11,606.22	-£54,168.00
Dec-10	-£64,425.21	-£55,973.60
Jan-11	-£29,108.00	-£185,704.00
Feb-11	-£5,638.74	-£167,733.00
Mar-11		
<b>TOTAL</b>	<b>-£5,288,372.46</b>	<b>-£520,310.63</b>



# Capacity Neutrality Net Cost / Revenue

From 1<sup>st</sup> April 2010 to 28<sup>th</sup> February 2011

Month	Revenue
DSEC/DAI Revenue	-£561,244.18
Buy Back Costs	£0.00
Capacity management Agreement	£0.00
Entry Capacity Overrun Revenue	-£5,288,372.46
Non-Obligated Sales Revenue	-£520,310.63
Revenue from Locational Sells and PRI Charges	-£2,355,178.00
Net Revenue	-£8,725,105.27