

System Management Principles Statement



System Management Principles Statement

nationalgrid

- Compliance report for July, August and September 2012
- Summary of balancing actions and breaches for July, August and September 2012
- Performance compared to last year

Summary Report

	July 2012	August 2012	September 2012
Total Number of Buy Actions	9	19	24
Total Number of Sell Actions	9	18	2
Total	18	37	26

	July 2012	August 2012	September 2012
Number of Material Breaches	0	0	0
Number of Non-Material Breaches	0	0	0

2011 / 2012 Comparison

	September 2011	September 2012
Number of Balancing Actions (Calendar year to date)	296	286
Number of Material Breaches (Calendar year to date)	0	0
Number of Non-Material Breaches (Calendar year to date)	0	0

Operational Overview



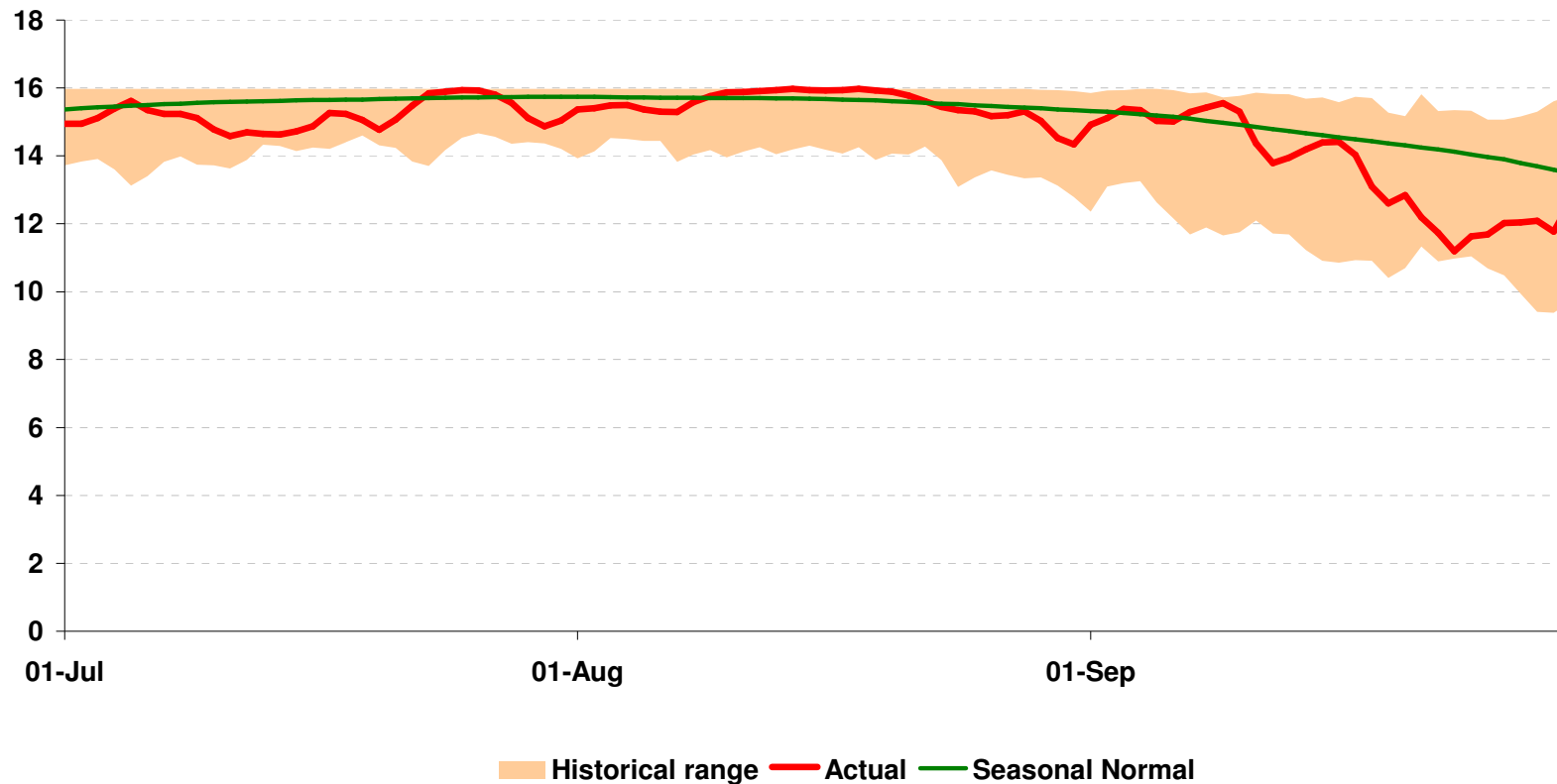
Weather



National Composite Weather

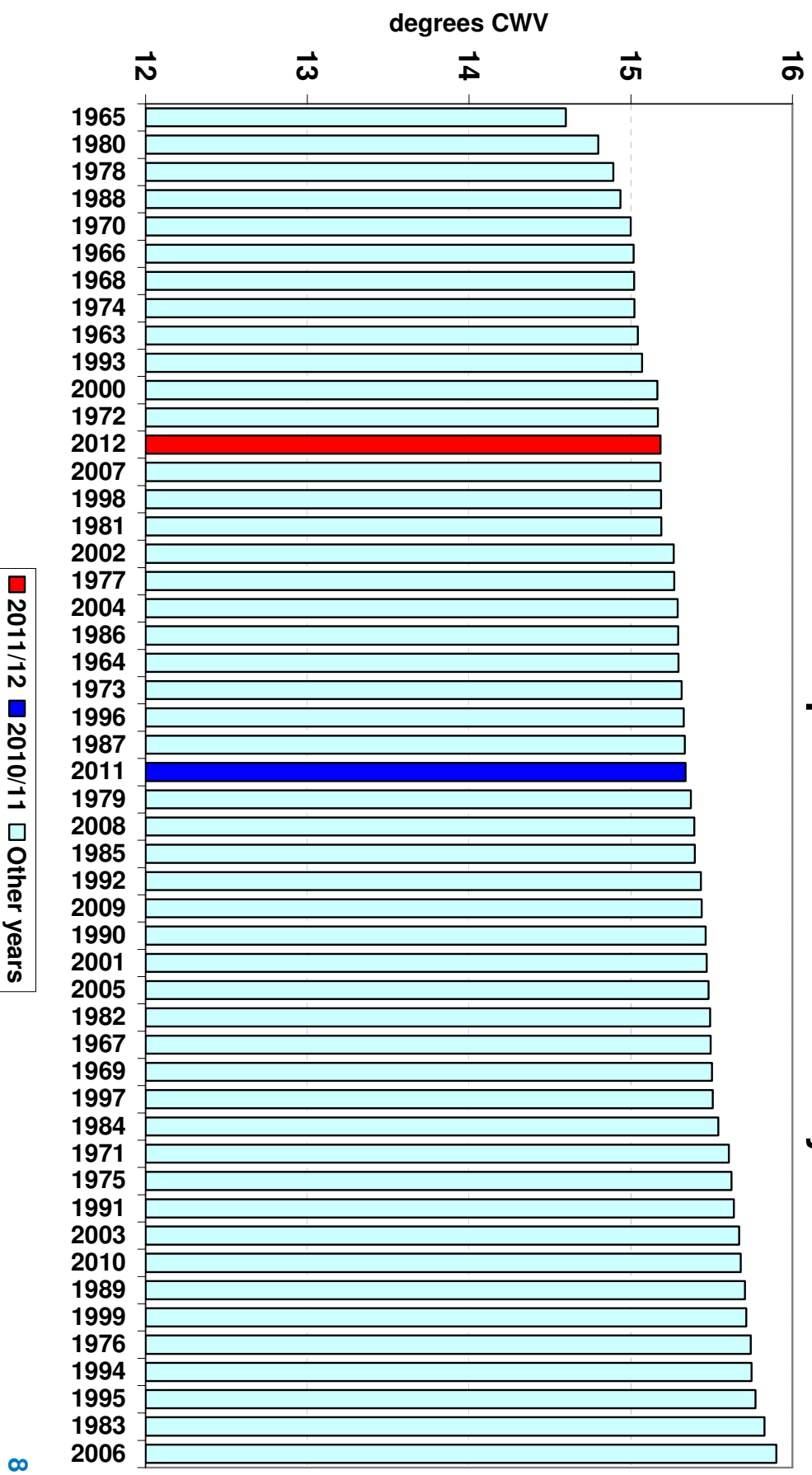
July to September 2012 Vs Historical Range

National Composite Weather
2012 compared to 1929 to 2011



Mean Composite Weather Variables July 2012 Vs Previous Yrs.

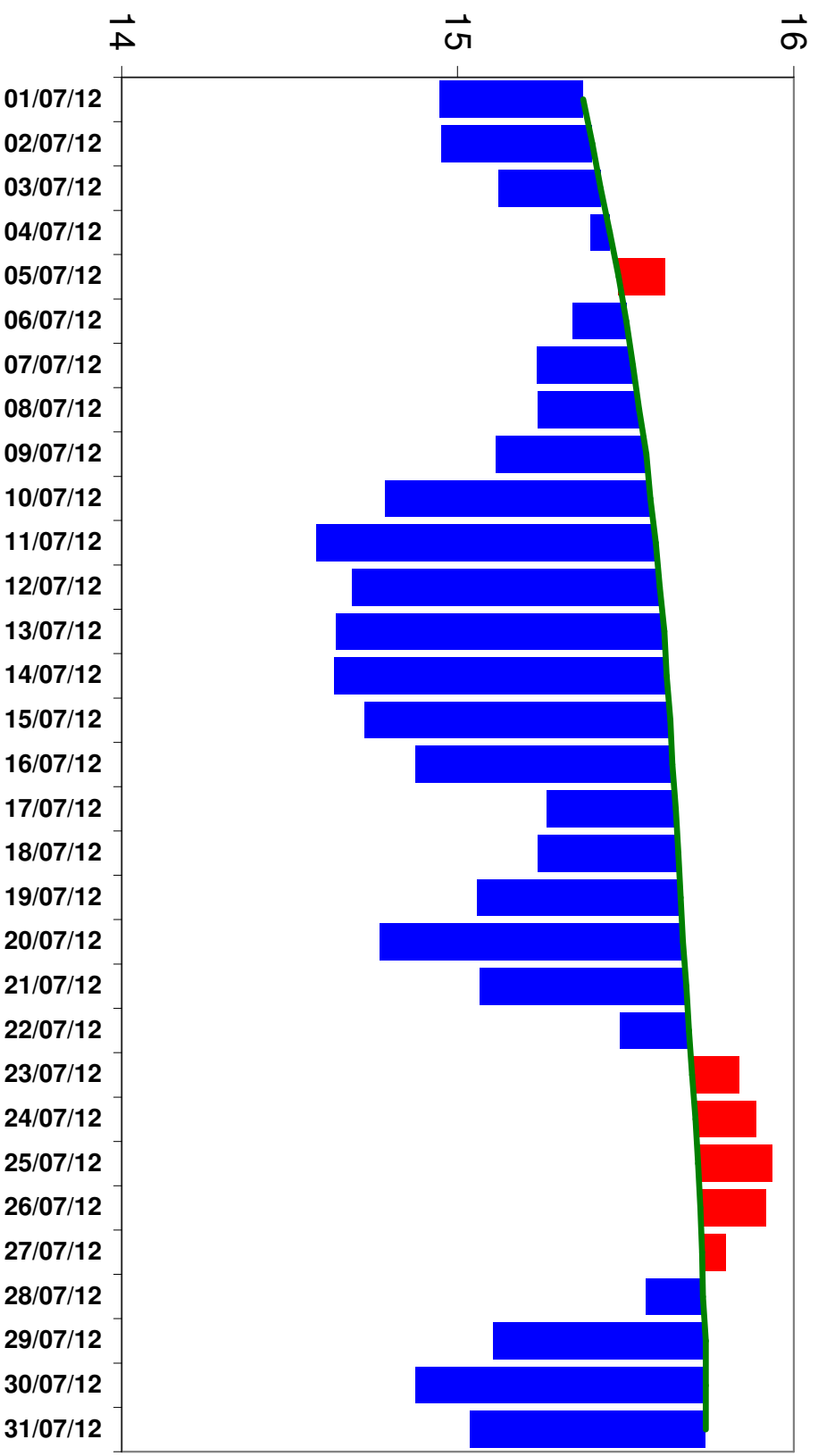
Mean National Composite Weather for July



Composite Weather Variables

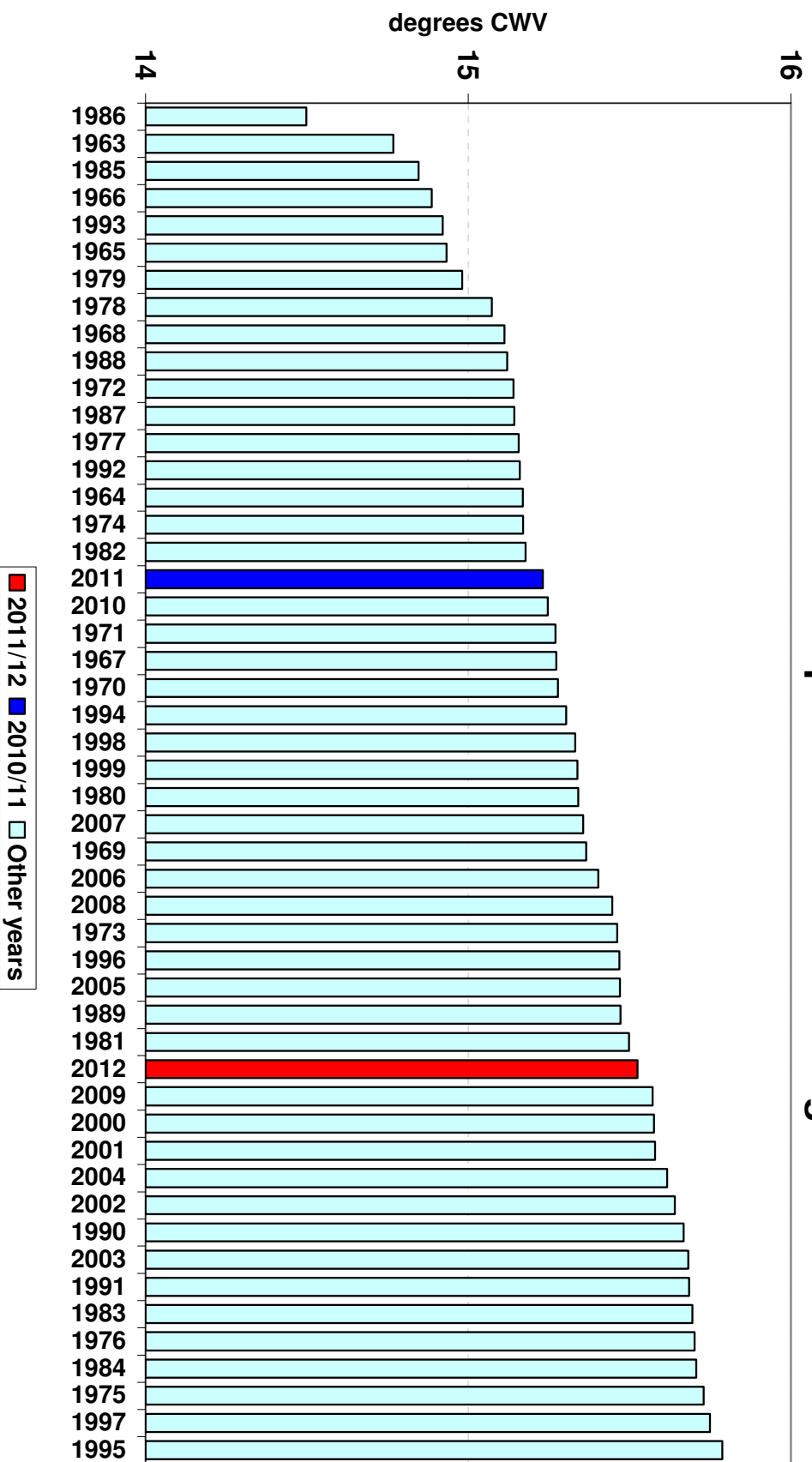
July 2012

National CWV and EP2 SNCW



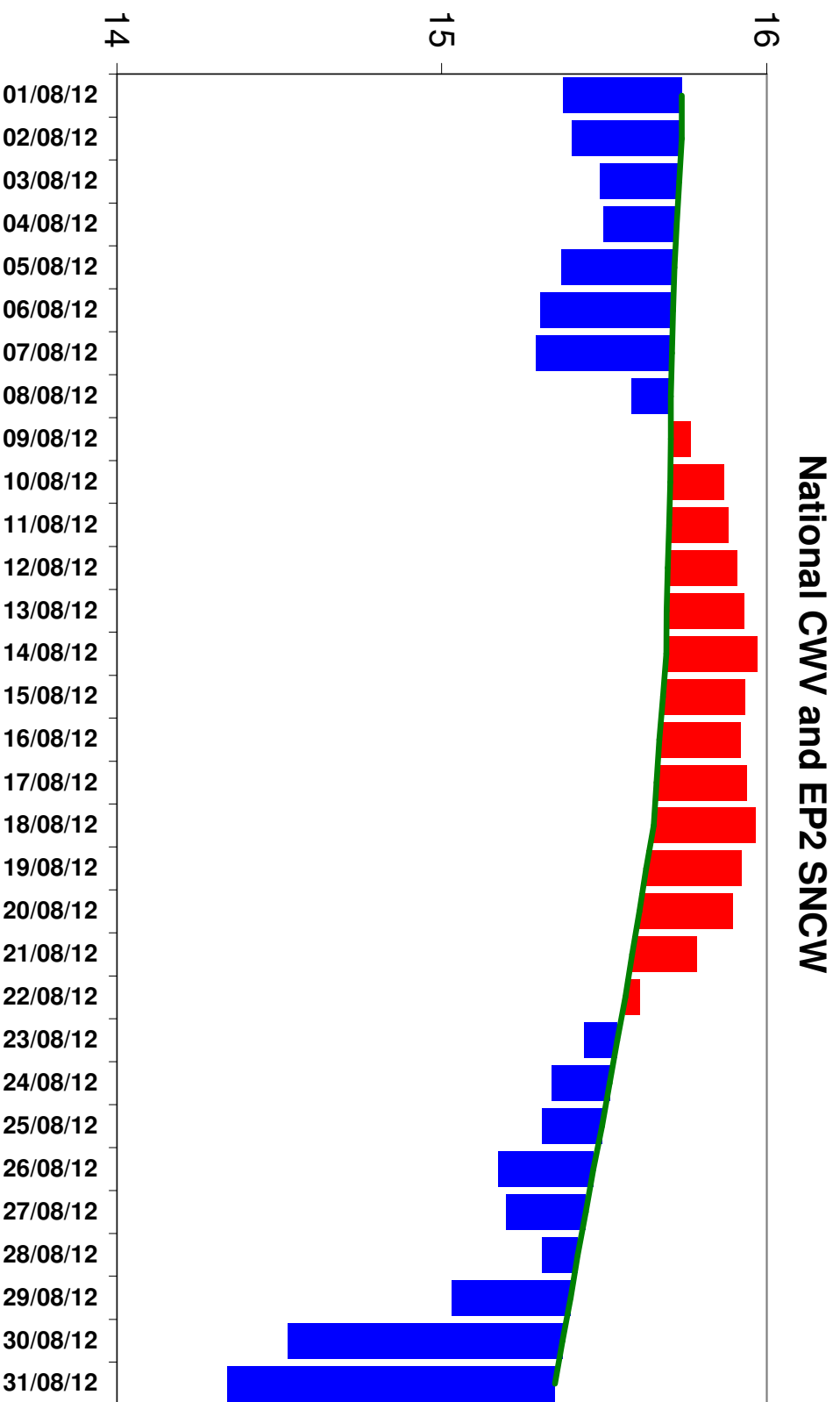
Mean Composite Weather Variables August 2012 Vs Previous Yrs.

Mean National Composite Weather for August



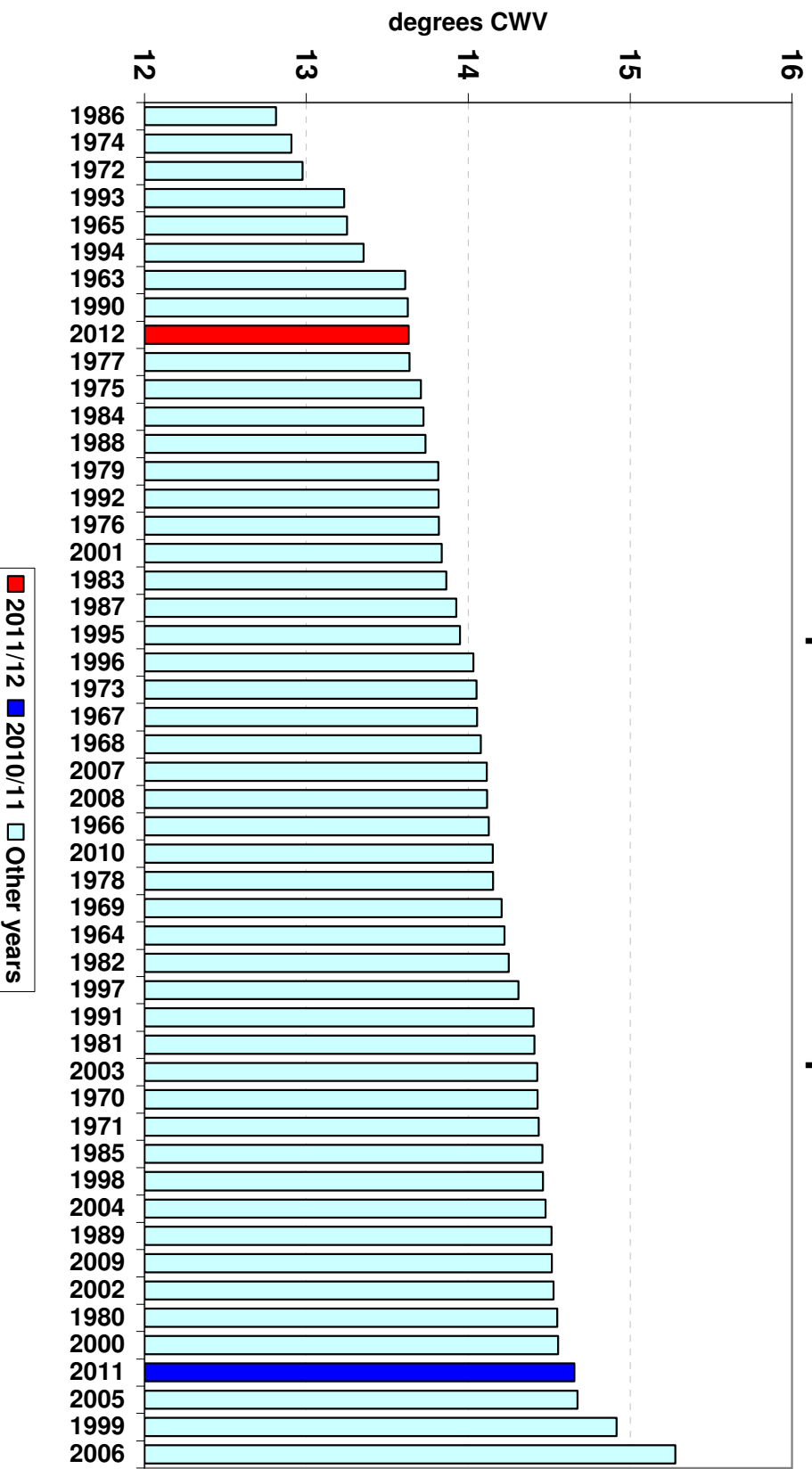
Composite Weather Variables

August 2012



Mean Composite Weather Variables September 2012 Vs Previous Yrs.

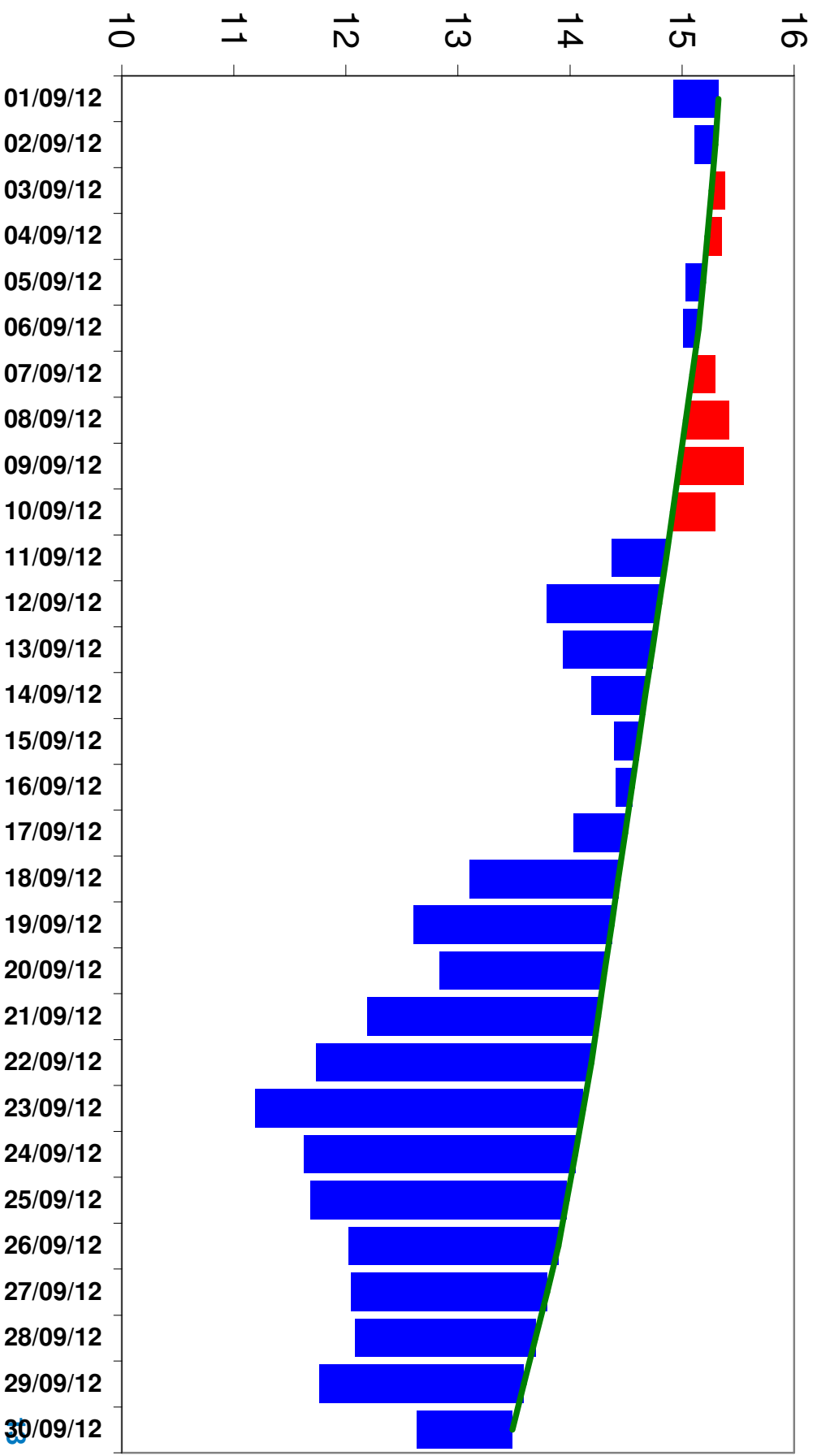
Mean National Composite Weather for September



Composite Weather Variables

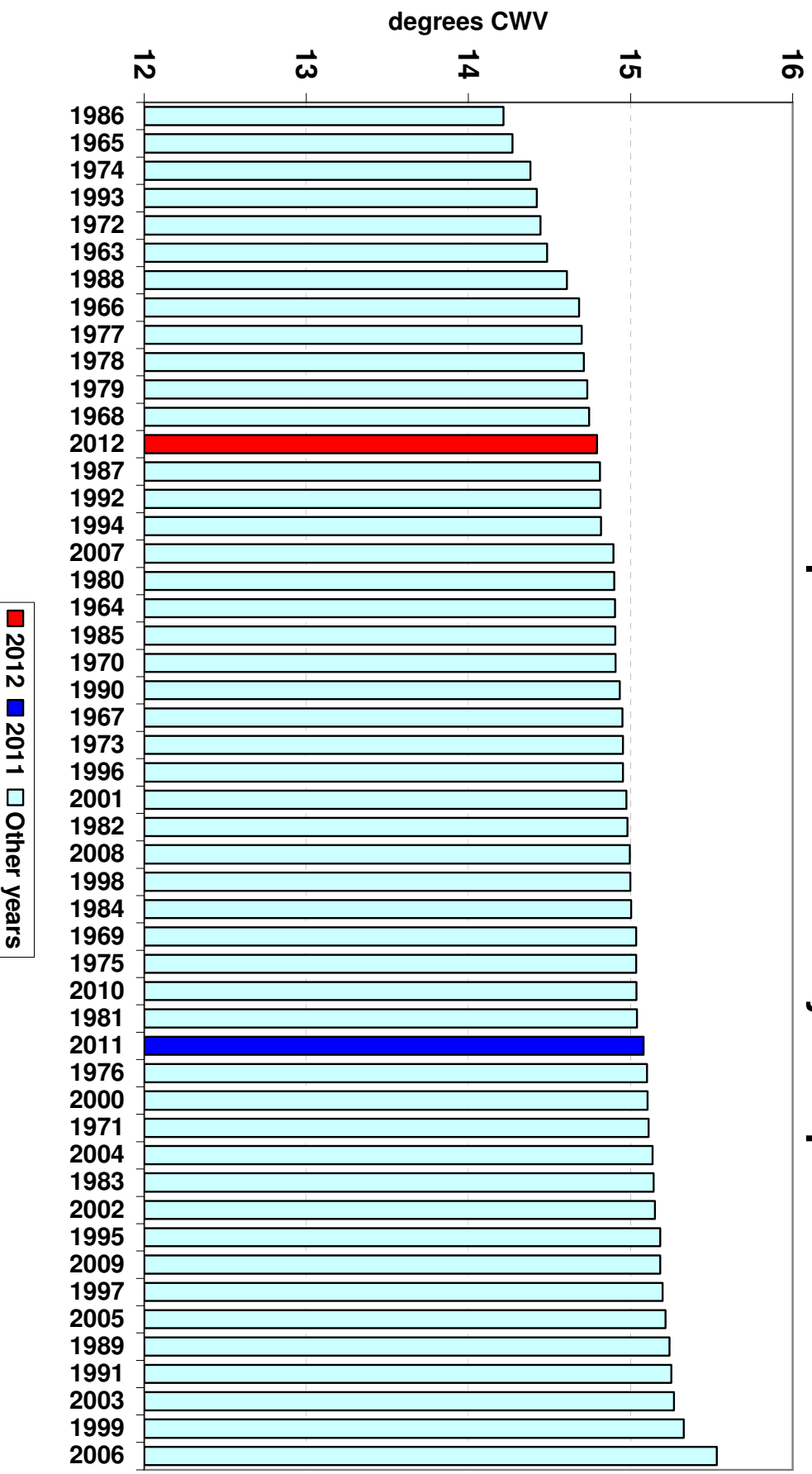
September 2012

National CWV and EP2 SNCW



Mean Composite Weather Variables July-September 2012 Vs Previous Yrs.

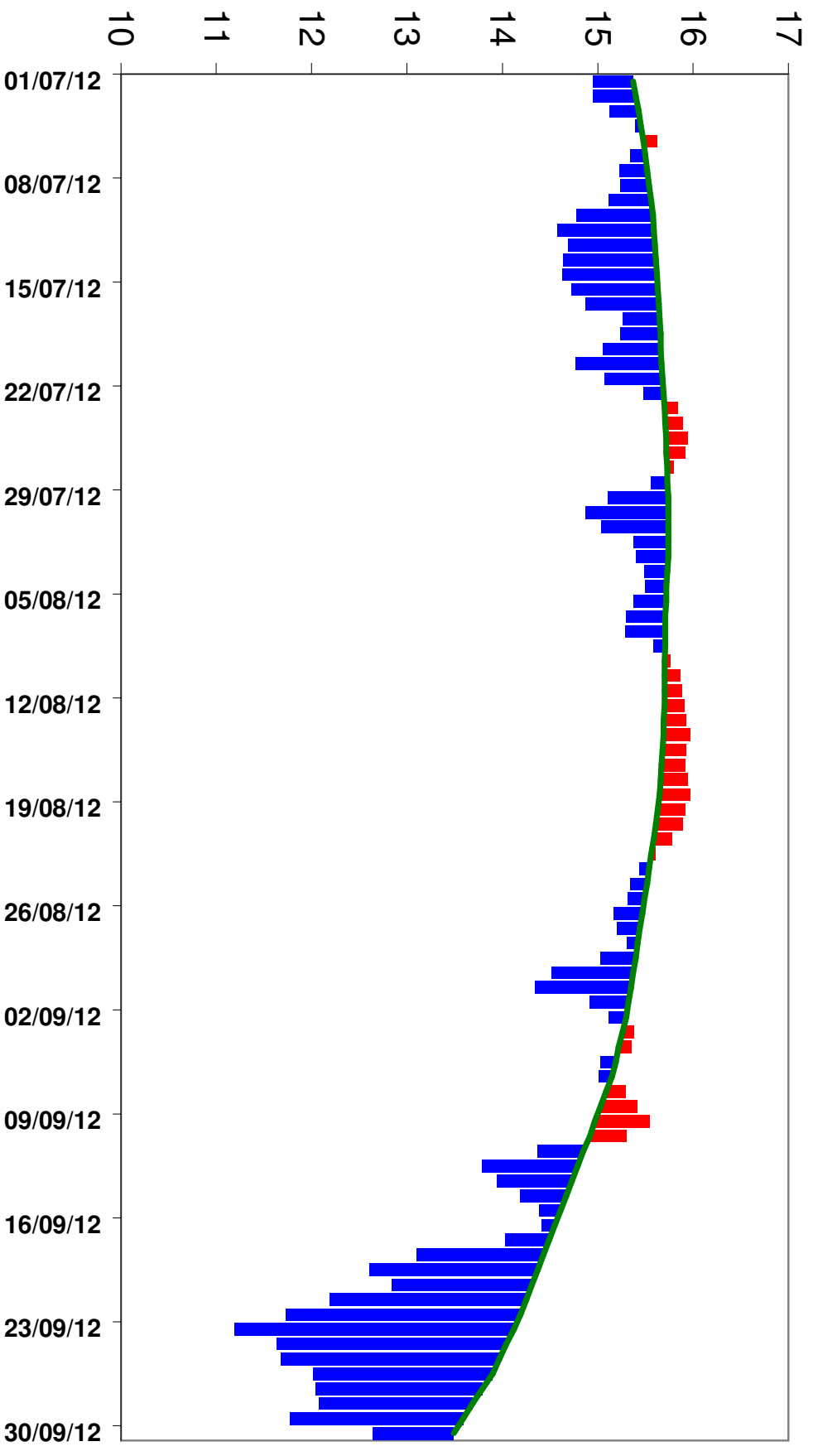
Mean National Composite Weather for July to September



Composite Weather Variables

July-September 2012

National CWV and EP2 SNCW

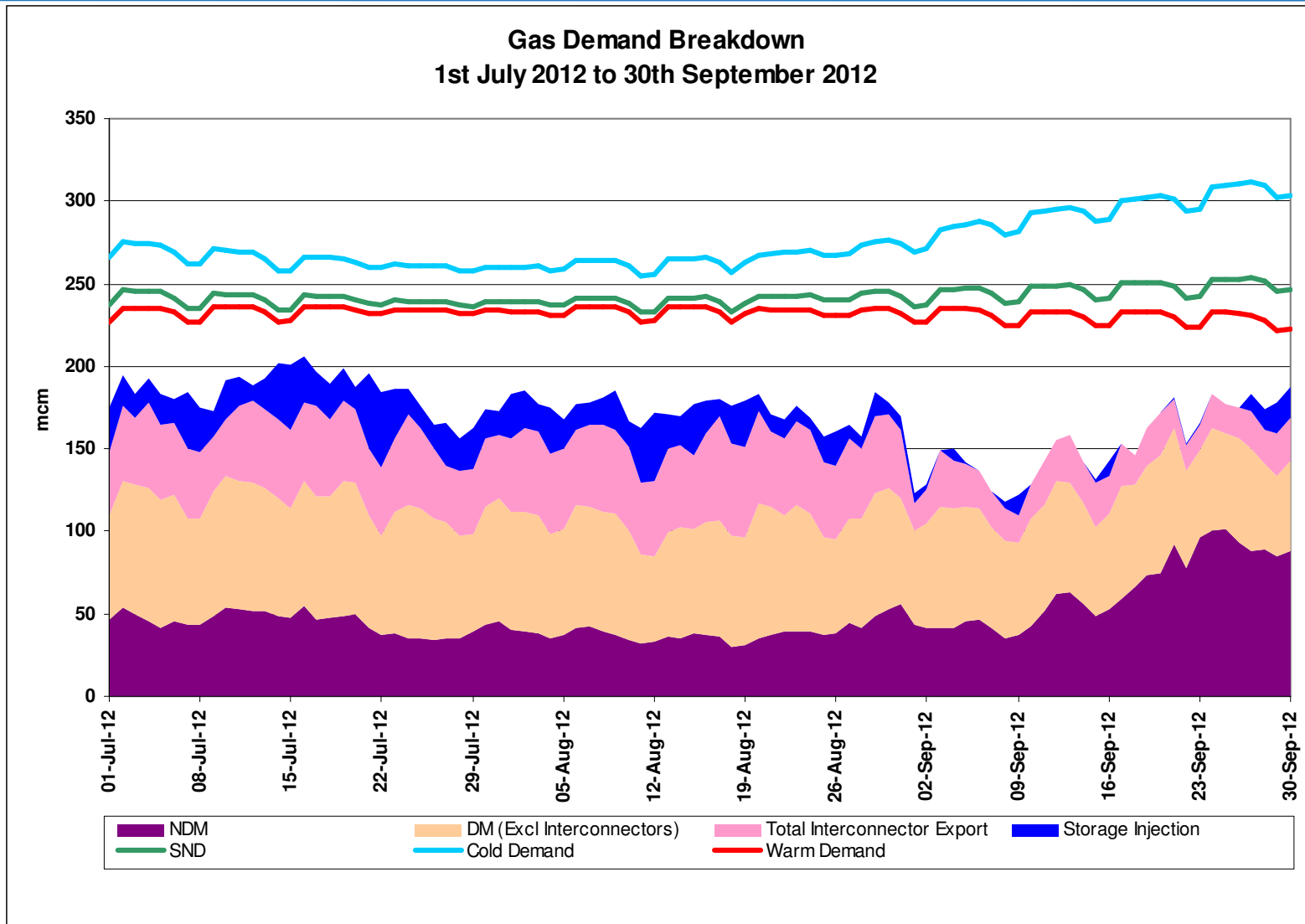


Demands



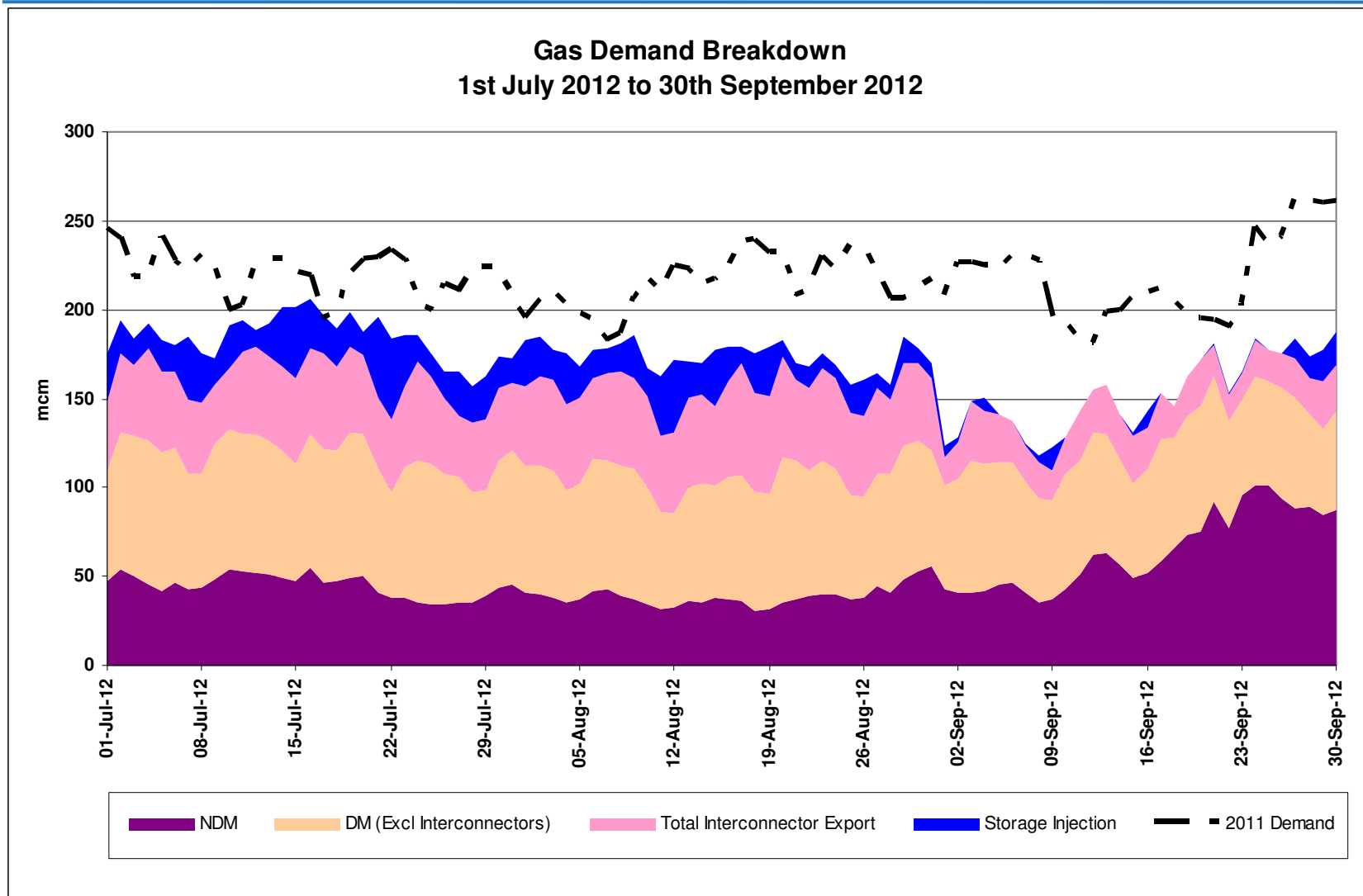
Gas Demand Breakdown

1st July 2012 to 30th September 2012



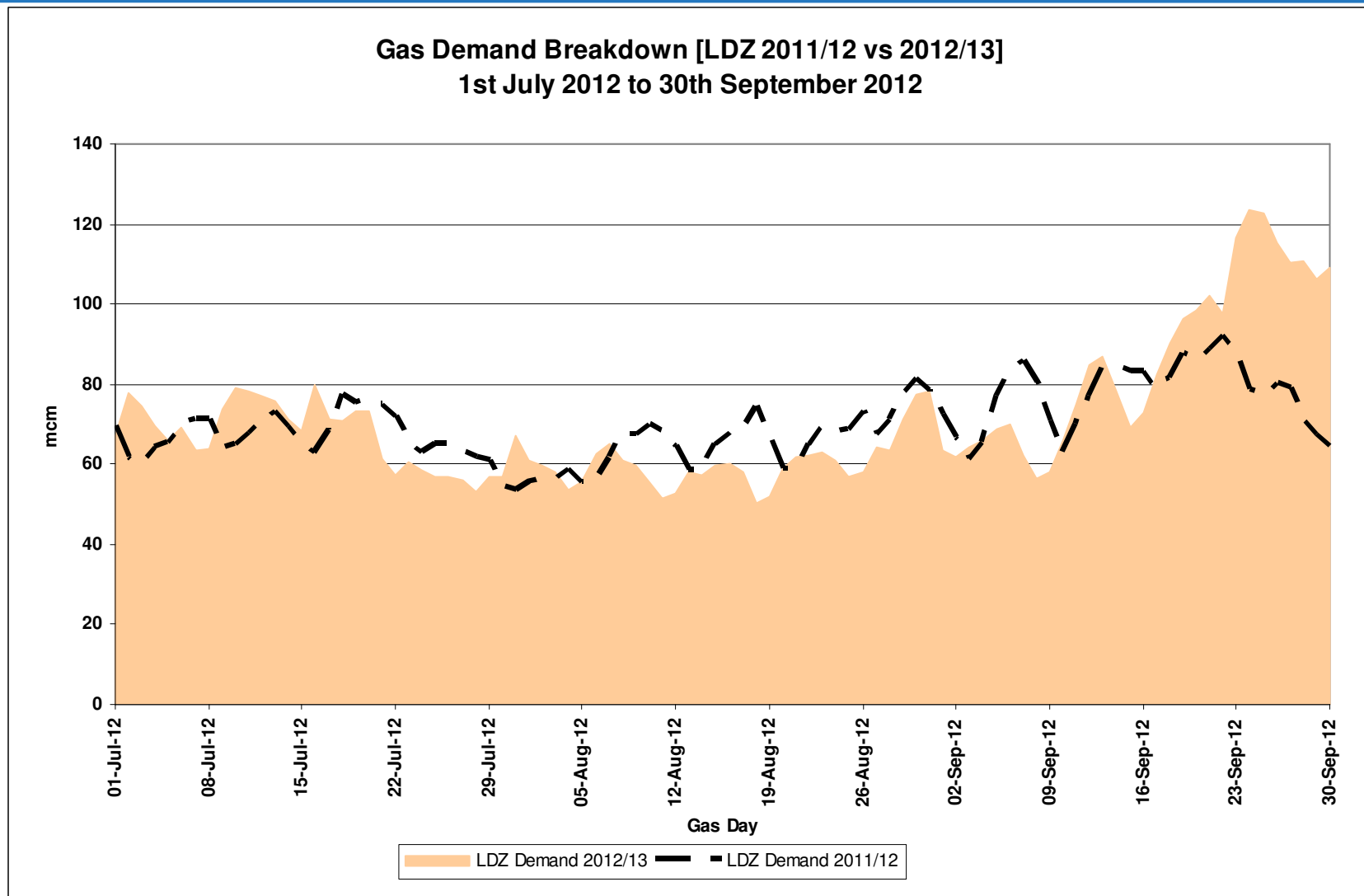
Gas Demand Breakdown

2011 Vs 2012



LDZ Demand

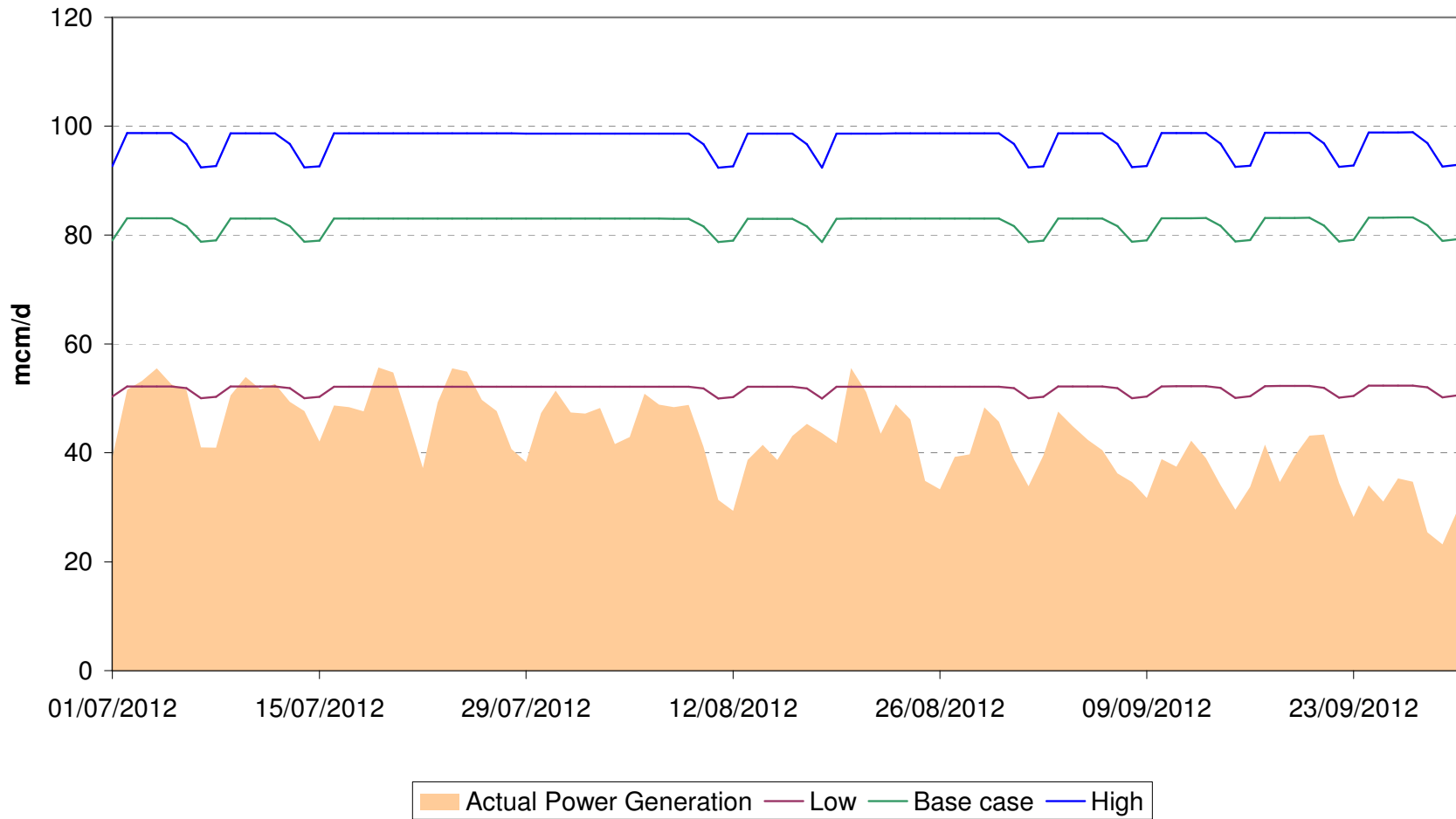
2011/12 Vs 2012/13



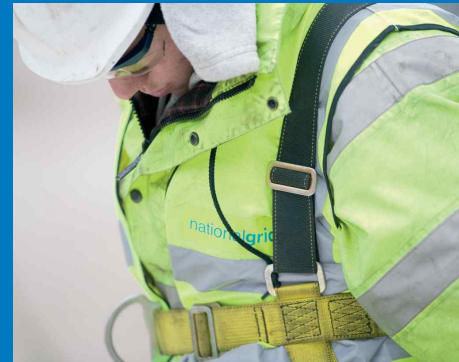
Power Generation

1st July 2012 to 30th September 2012

Gas Consumption for Power Generation

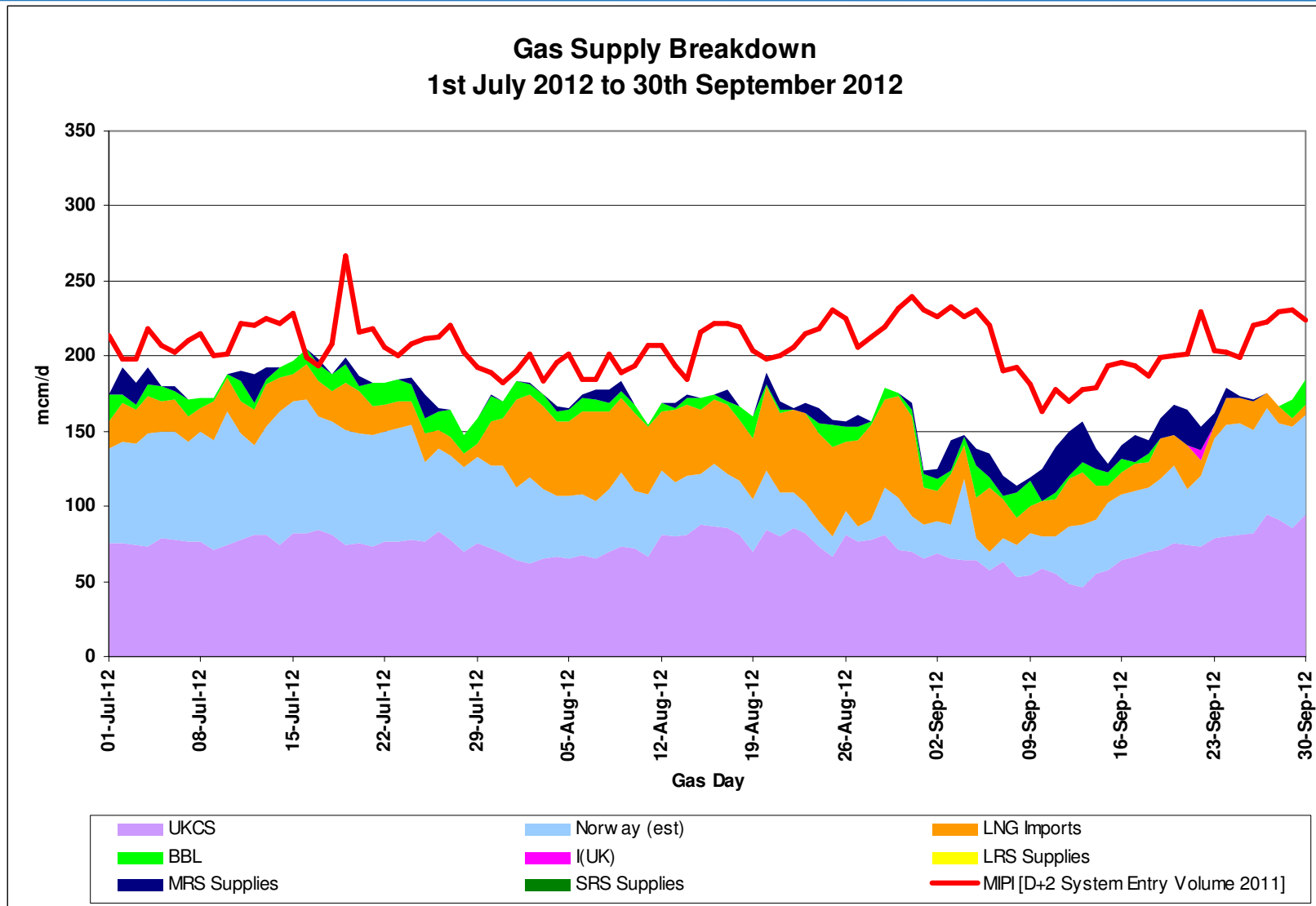


Supplies



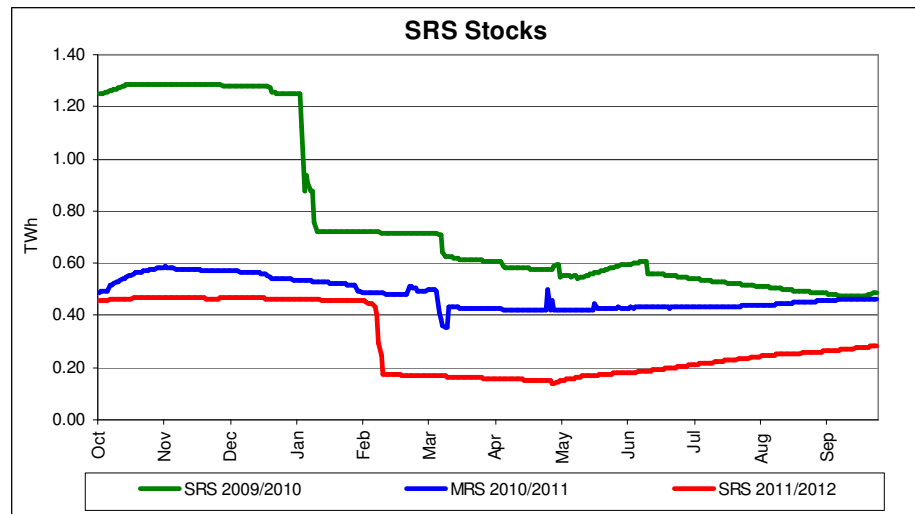
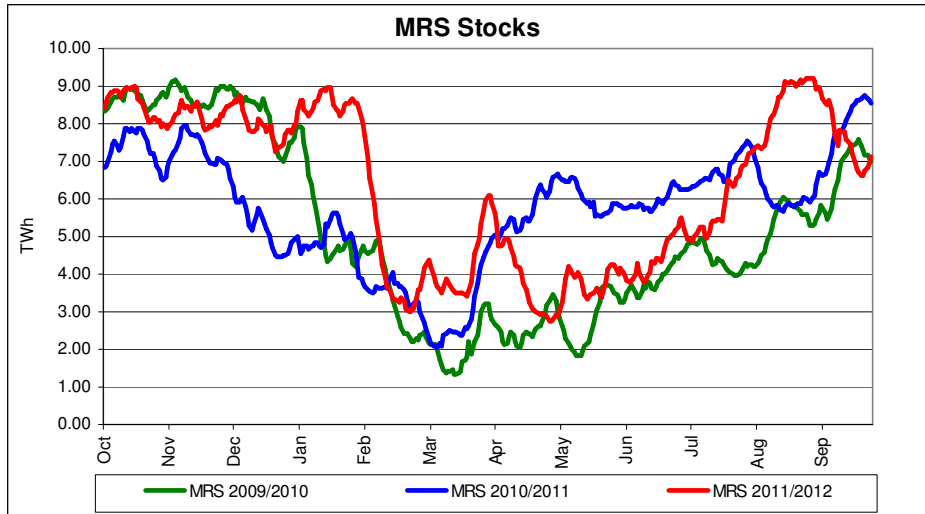
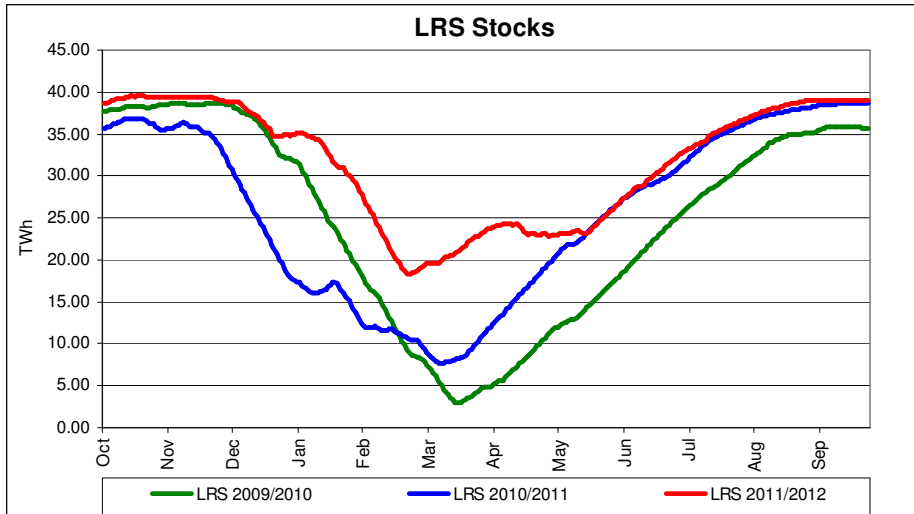
Gas Supply Breakdown

1st June 2012 to 30th September 2012



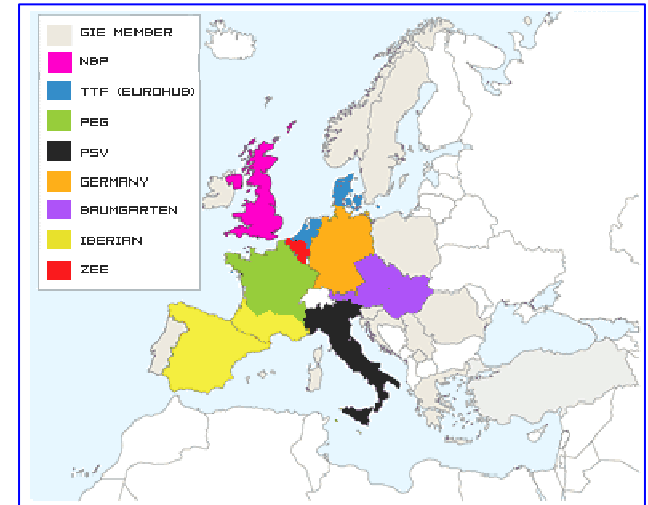
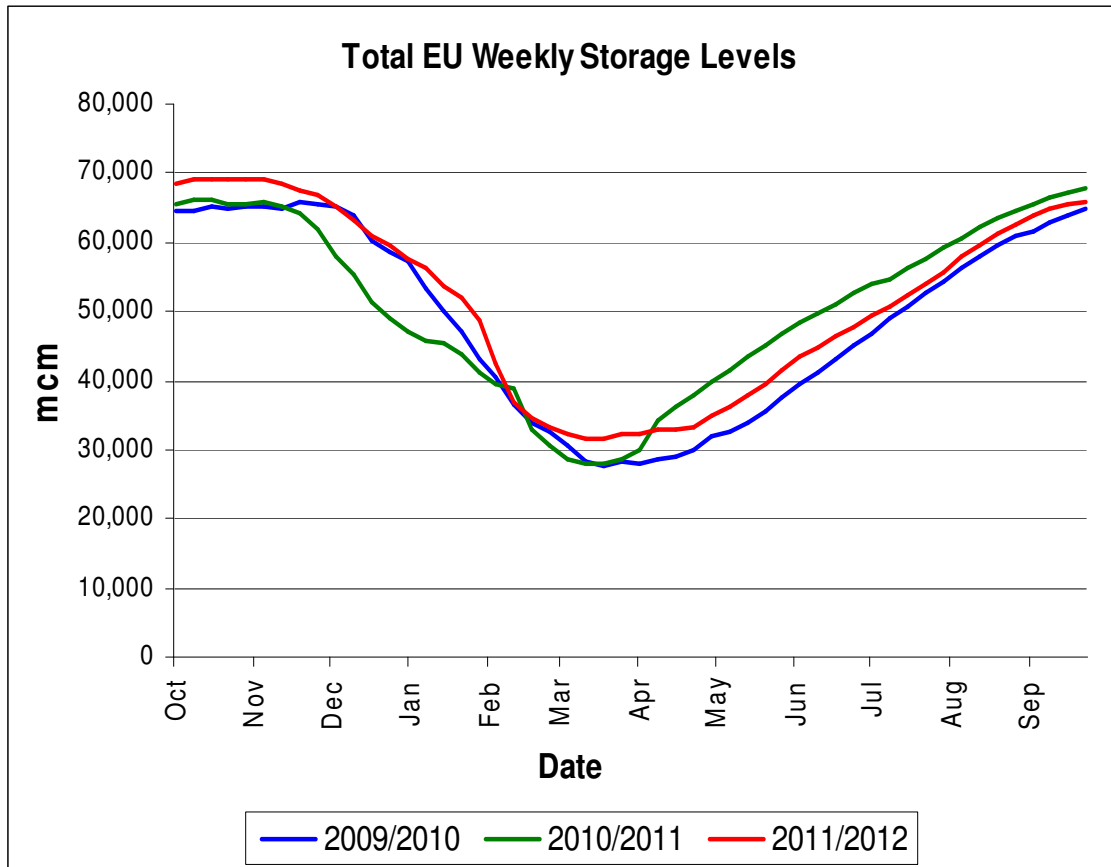
Storage Stocks - UK

From 1st October 2011 to 30th September 2012



Storage Stocks - EU

From 1st October 2011 to 30th September 2012



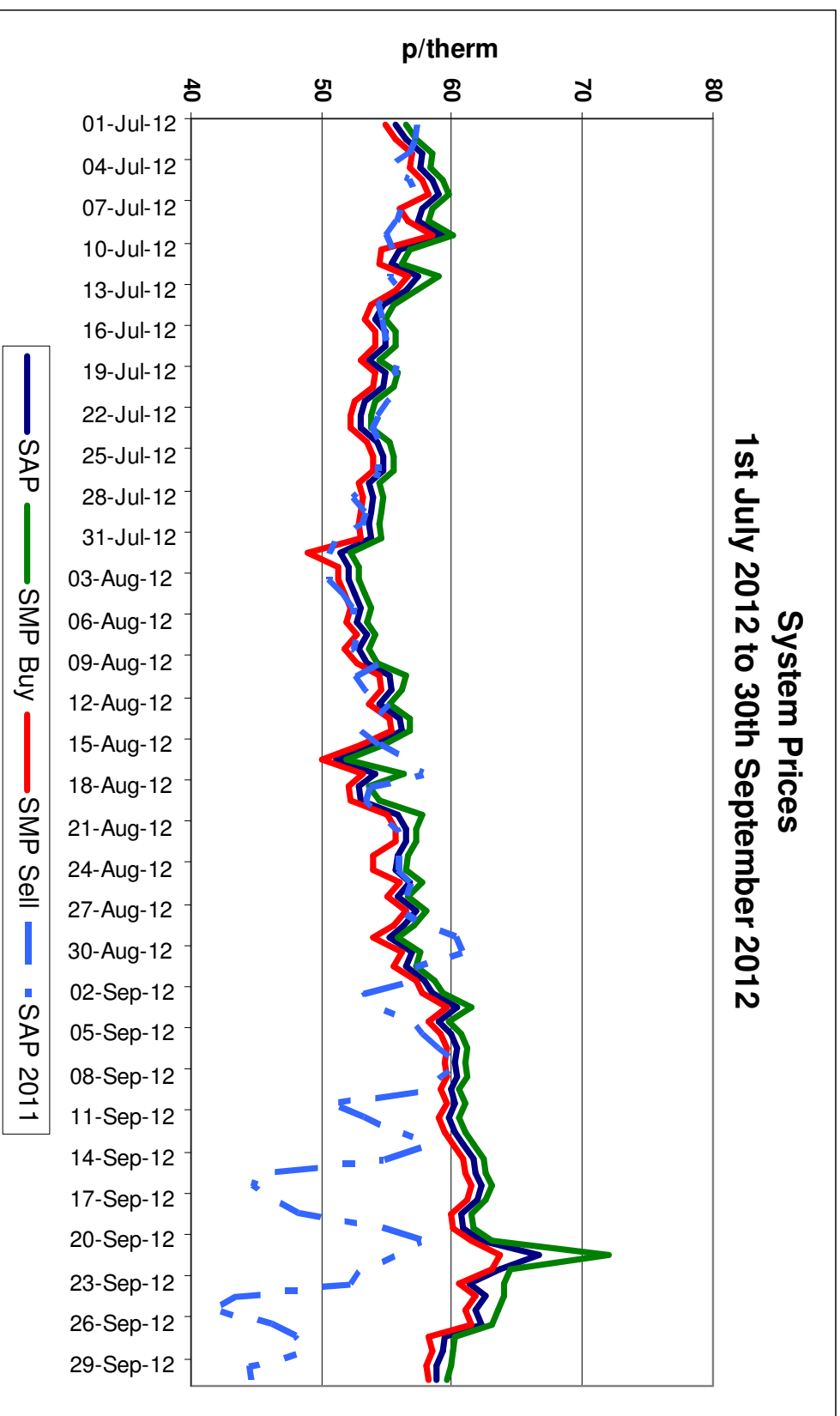
Stocklevel Status at 06:00CET on Tuesday 08.10.12		
Hub Area	Stock Level (mcm)	% Full
Baumgarten	14164.23	82.48%
Germany	9811.54	78.75%
Iberian	18775.36	93.65%
NBP	2408.76	94.45%
France	4572.00	96.13%
PSV	14627.22	92.05%
TTF (Eurohub)	1814.53	87.41%
ZEE	696.93	98.86%
Total Hubs	66870.57	88.38%

Transporter Actions and Neutrality



System Prices

1st July 2012 to 30th September 2012

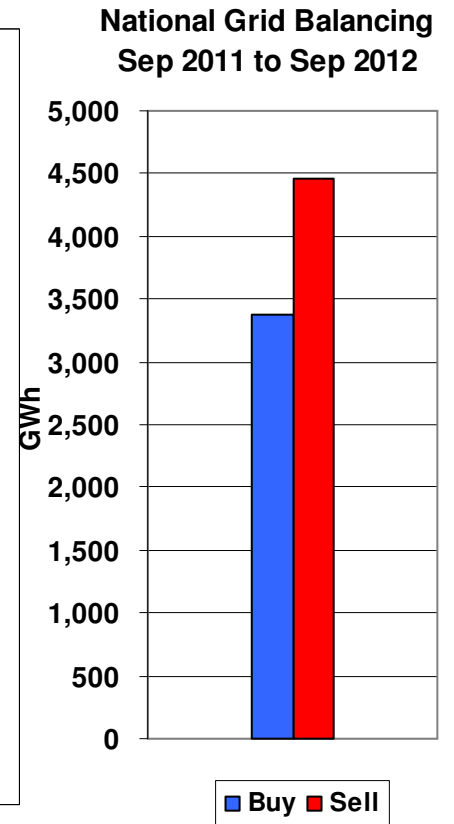
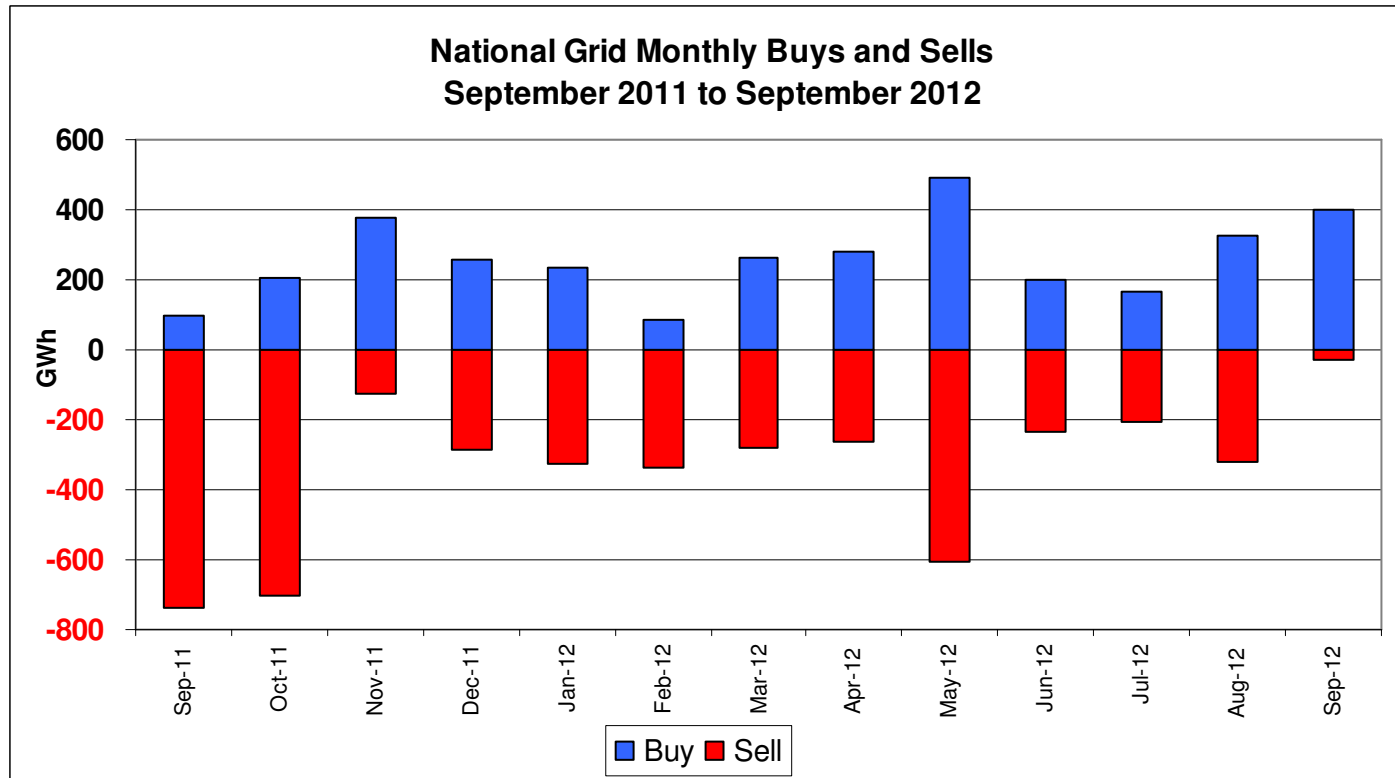


Transporter Energy Traded on the OCM



Buys and Sells by Month

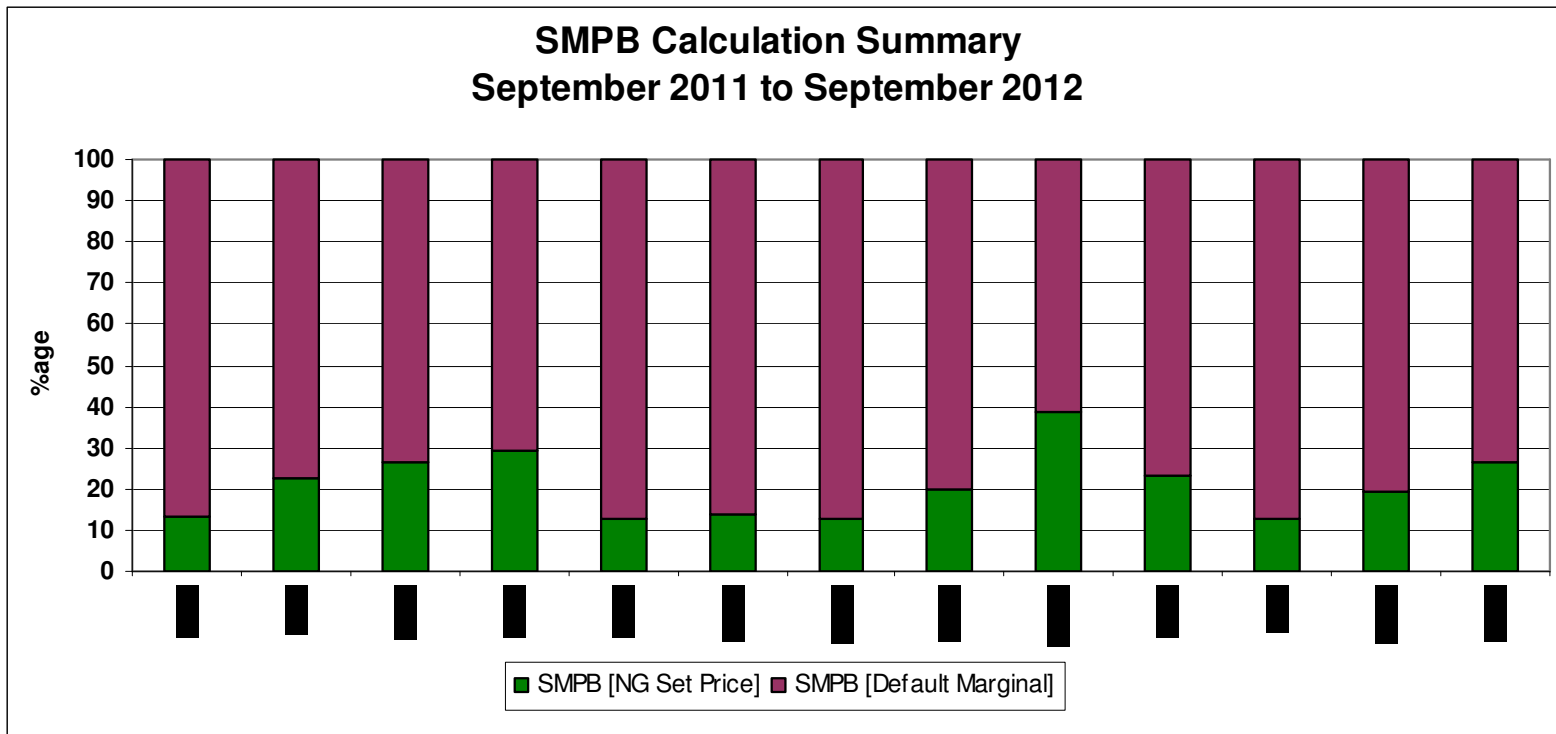
From September 2011 to September 2012



Days of Default SMP Prices

From September 2011 to September 2012

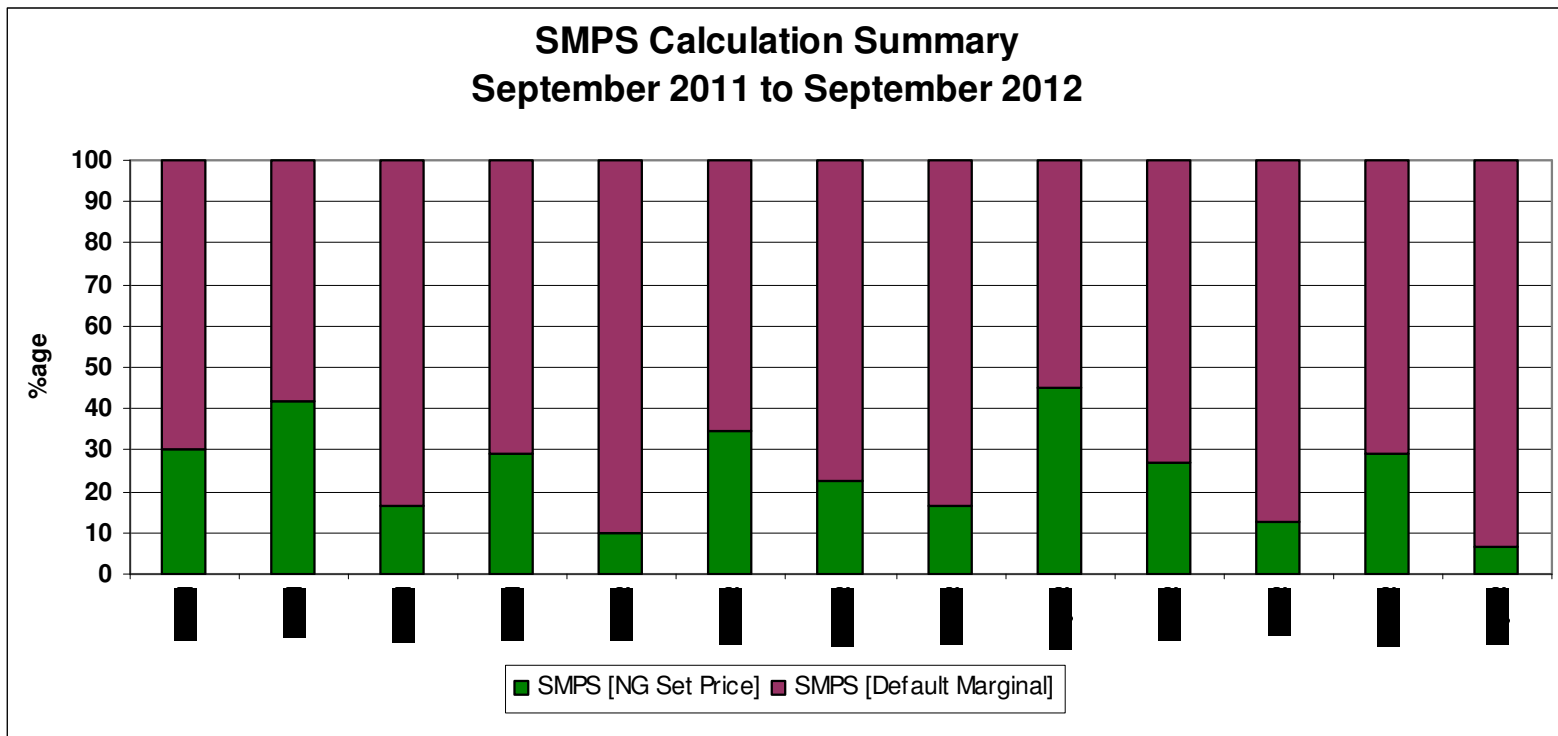
	SMP Buy	SMP SELL	Both
Jul-12	87.10%	87.10%	74.20%
Aug-12	80.60%	71.00%	54.80%
Sep-12	73.30%	93.30%	70.00%



Days of Default SMP Prices

From September 2011 to September 2012

	SMP Buy	SMP SELL	Both
Jul-12	87.10%	87.10%	74.20%
Aug-12	80.60%	71.00%	54.80%
Sep-12	73.30%	93.30%	70.00%

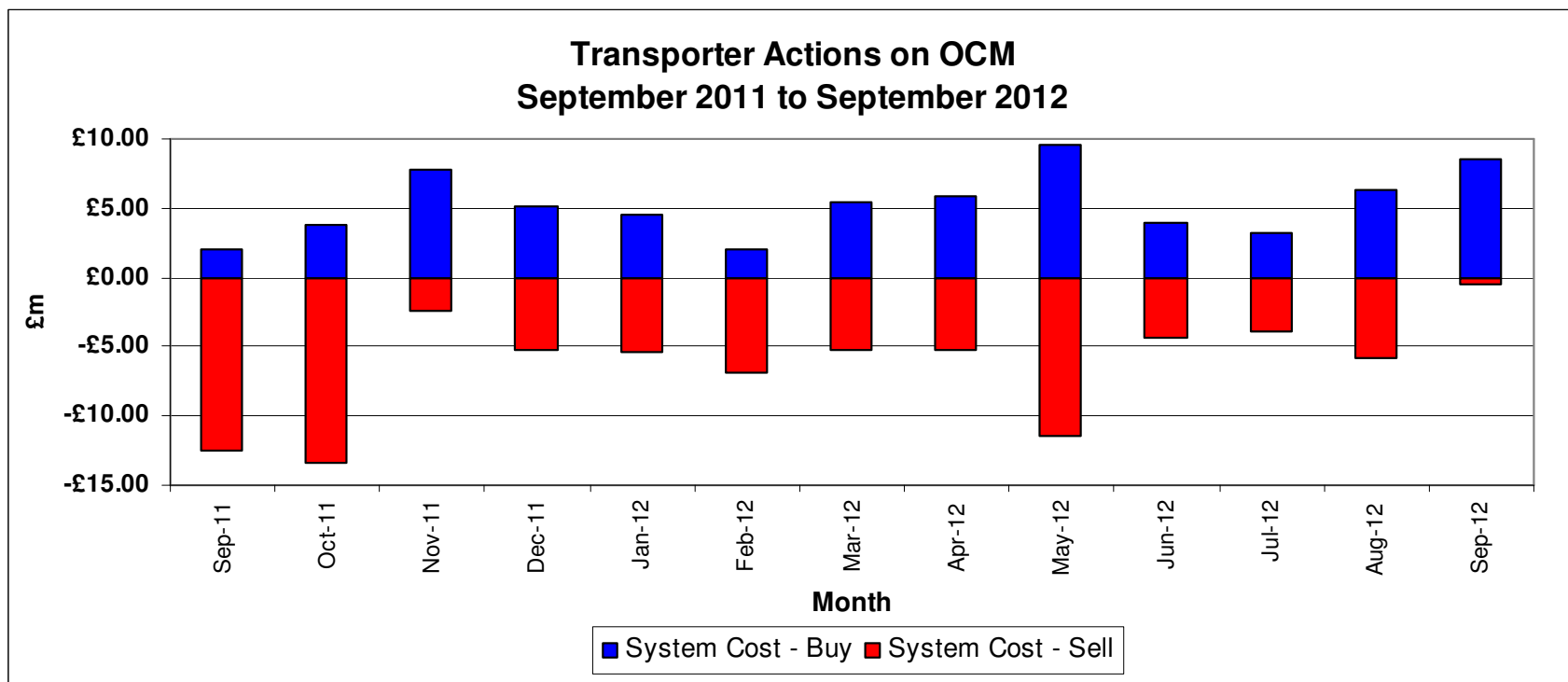


Transporter Actions on the OCM Mechanism nationalgrid

Revenues / Costs

From 1st October 2011 to 30th September 2012

	Quantity TWh	Average p/kWh	Price Therms	Cost £m
System Buy	3.285	2.003	58.70	£65.82
System Sell	3.715	1.878	55.03	-£69.79
Net Position	7.001			-£3.97

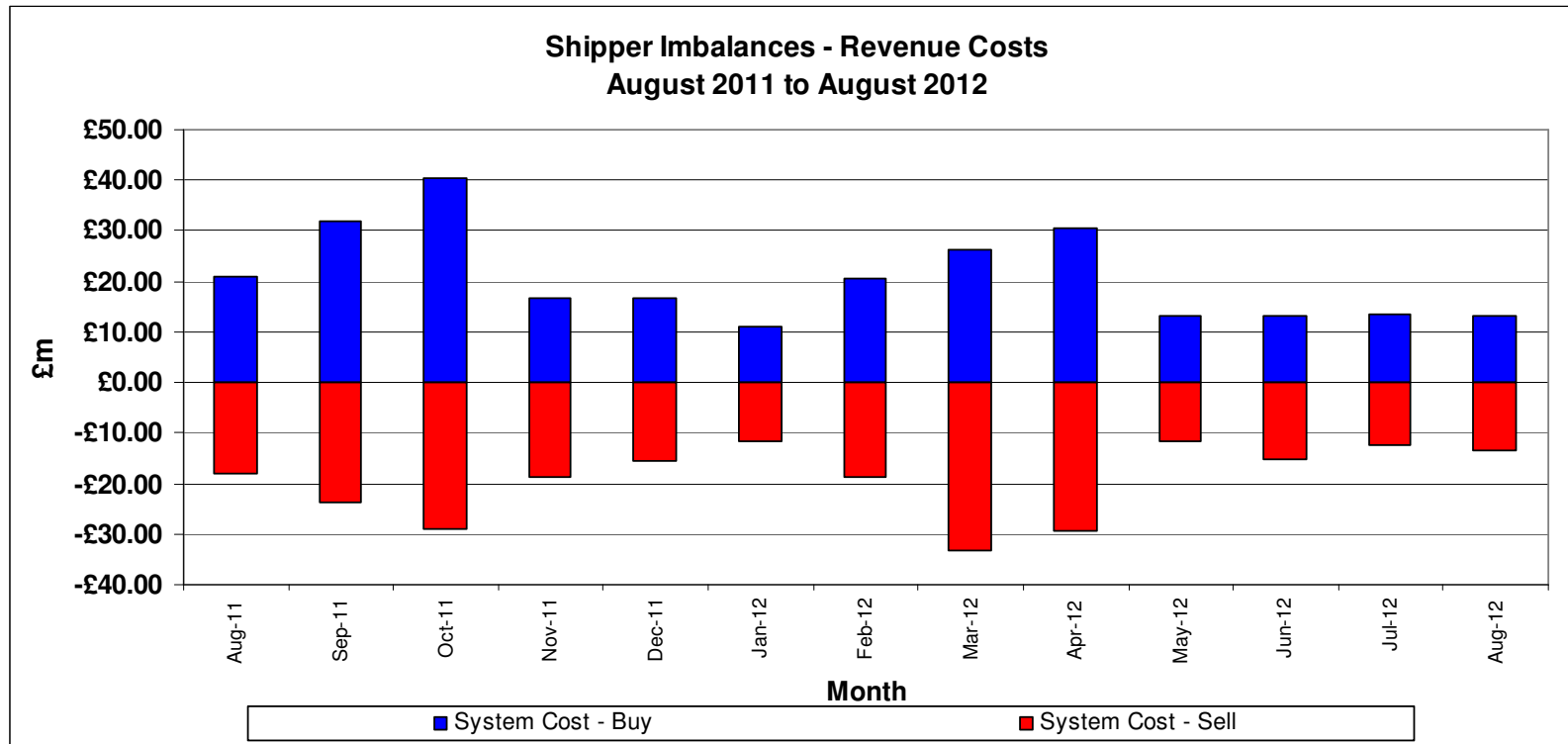


Shipper Imbalance

Revenues / Costs

From 1st October 2011 to 31st August 2012

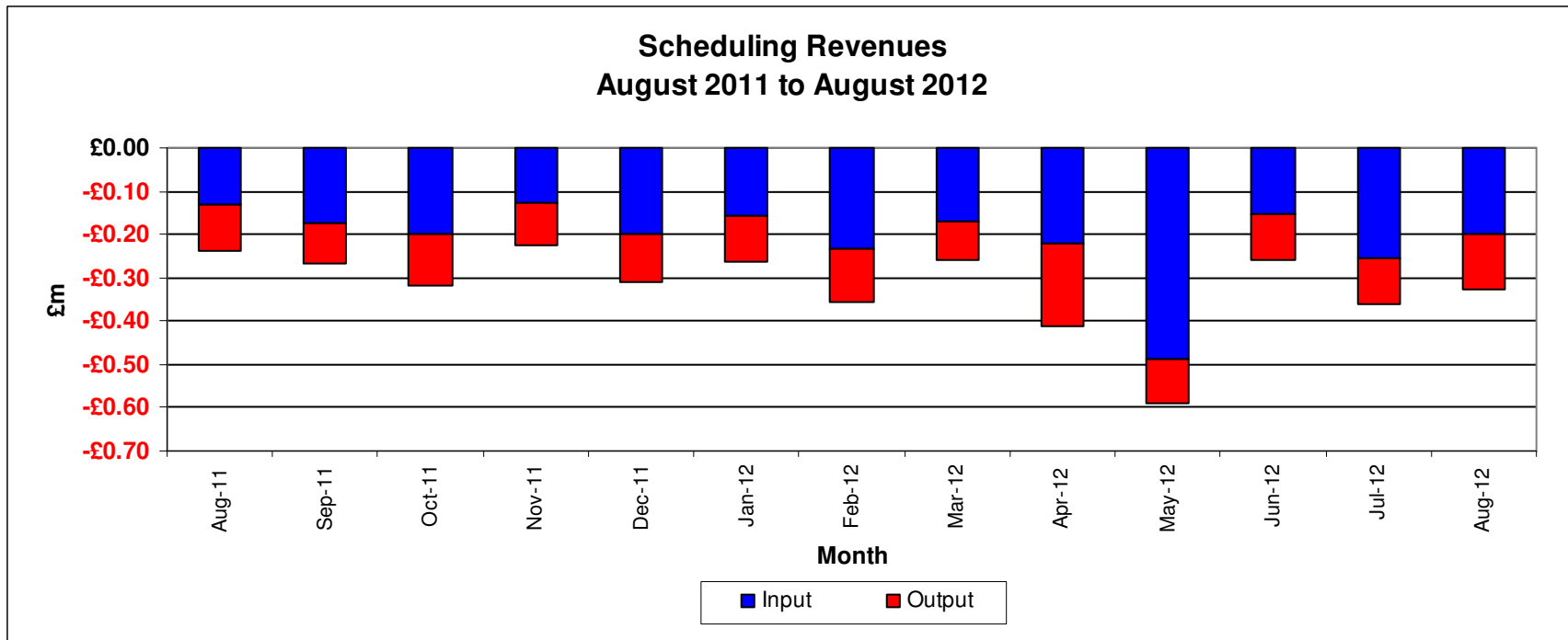
	Quantity (TWH)	Average Price P/KWh	Average price P/Therm	Cost £m
System Buy Shipper Over Delivery/Cost to Neutrality	10.249	1.88	55.20	£193.11
System Sell Shipper Under Delivery/Revenue to Neutrality	-9.452	1.98	57.92	-£186.86
Net Position	0.797			£6.25



Scheduling Revenues

From 1st October 2011 to 31st August 2012

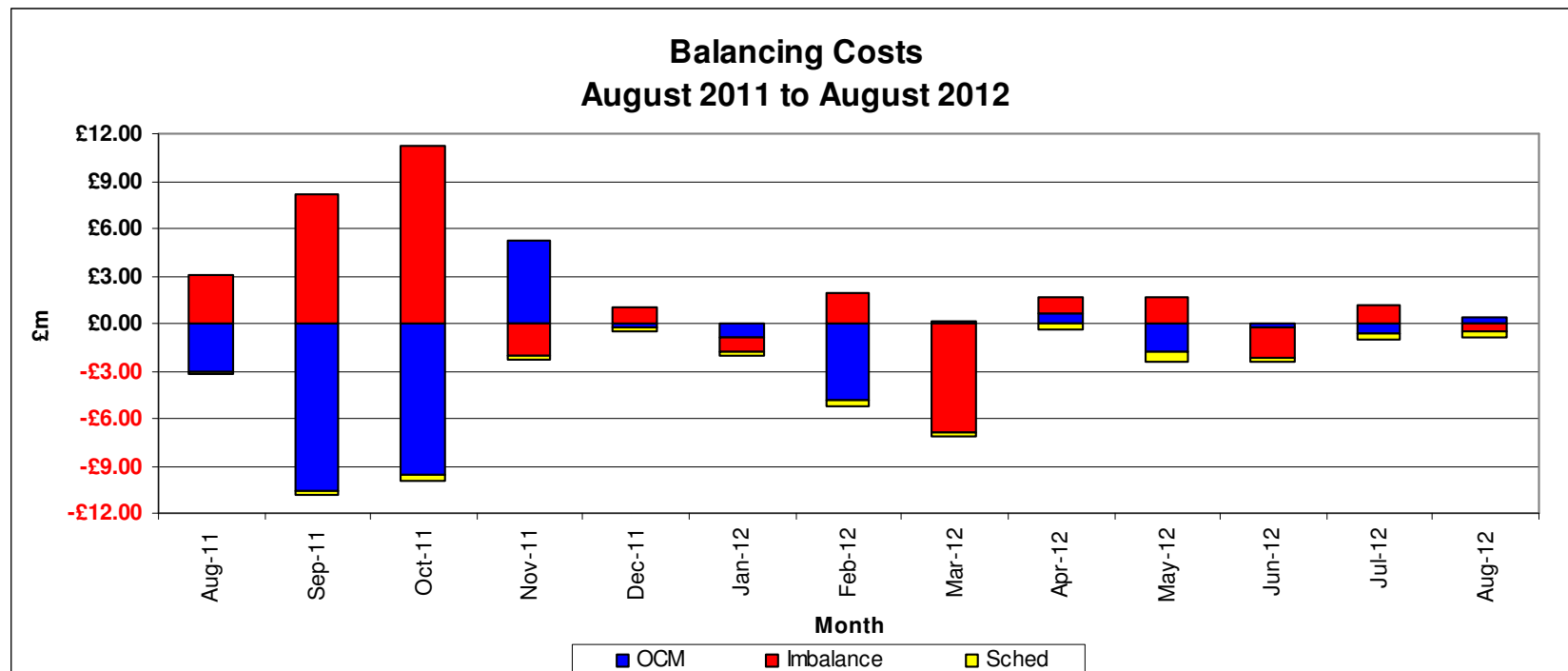
	Cost £m
Input	-£2.40
Output	-£1.27
Total	-£3.67



Balancing Costs

From 1st October 2011 to 31st August 2012

Transporter Actions on OCM	£m -£11.94
Imbalance Charge	£6.25
Scheduling Charge	-£3.47
Balancing Cost	-£9.17

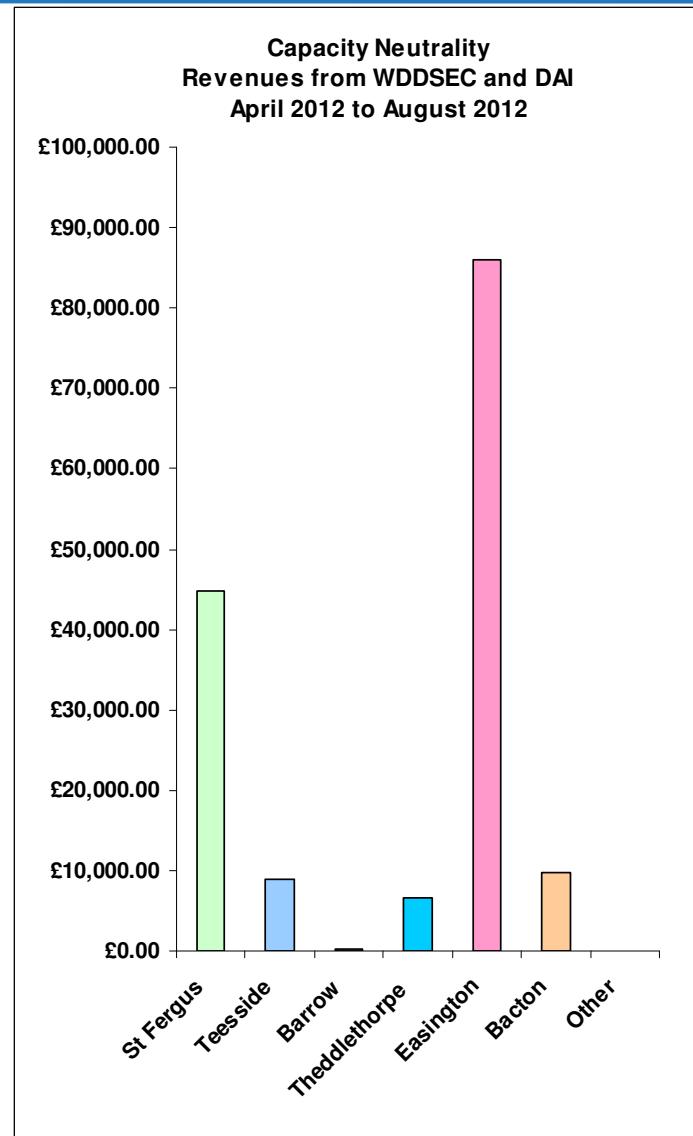


Capacity Neutrality

Revenues from WDDSEC and DAI

From 1st April 2012 to 31st August 2012

St Fergus	£44,814.33
Teesside	£8,818.31
Barrow	£145.00
Theddlethorpe	£6,589.58
Easington	£86,024.63
Bacton	£9,674.23
Other	£0.00
Net Revenue	-£156,066.08



Capacity Neutrality

Prompt Buy Backs

From 1st April 2012 to 31st August 2012

nationalgrid

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 2012 to 31st August 2012

Month	Cost
Apr-12	£0.00
May-12	£0.00
Jun-12	£0.00
Jul-12	£0.00
Aug-12	£0.00
Sep-12	
Oct-12	
Nov-12	
Dec-12	
Jan-13	
Feb-13	
Mar-13	
TOTAL *	£0.00

* 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 2012 to 31st August 2012

Month	Revenue
Apr-12	£0.00
May-12	£0.00
Jun-12	£0.00
Jul-12	£0.00
Aug-12	£0.00
Sep-12	
Oct-12	
Nov-12	
Dec-12	
Jan-13	
Feb-13	
Mar-13	
TOTAL	£0.00

Capacity Neutrality

Revenues from Entry Cap Overruns and Non-Obligated Sales
From 1st April 2012 to 31st August 2012

Month	Entry Capacity	Non-Obligated Sales
Apr-12	-£98,225.13	-£12.00
May-12	-£68,751.04	£0.00
Jun-12	-£3.43	£0.00
Jul-12	-£10,522.88	£0.00
Aug-12	-£3,206.95	£0.00
Sep-12		
Oct-12		
Nov-12		
Dec-12		
Jan-13		
Feb-13		
Mar-13		
TOTAL	-£180,709.43	-£12.00

Capacity Neutrality Net Cost / Revenue

From 1st April 2012 to 31st August 2012

Month	Revenue
WDDSEC/DAI Revenue	-£156,066.08
Buy Back Costs	£0.00
Capacity management Agreement	£0.00
Entry Capacity Overrun Revenue	-£180,709.43
Non-Obligated Sales Revenue	-£12.00
Revenue from Locational Sells and PRI Charges	£0.00
Net Revenue	-£336,787.51