

Operational Forum Meeting



20th April 2016, 10:30AM

Radisson Grafton Hotel, 130 Tottenham Court Road, London.

System Management Principles Statement



- **Compliance report for February and March 2016**
- **Summary of balancing actions and breaches for February and March 2016**
- **Performance compared to last year**

Summary Report

1st January 2016 - 31st March 2016

	Feb-16	Mar-16
Total Number of Buy Actions	9	5
Total Number of Sell Actions	2	6
Total	11	11

	Feb-16	Mar-16
Number of Material Breaches	0	0
Number of Non-Material Breaches	0	0

	Mar-16	Mar-15
Number of Balancing Actions (Calendar year to date)	44	51
Number of Material Breaches (Calendar year to date)	0	0
Number of Non-Material Breaches (Calendar year to date)	0	0

Operational Overview

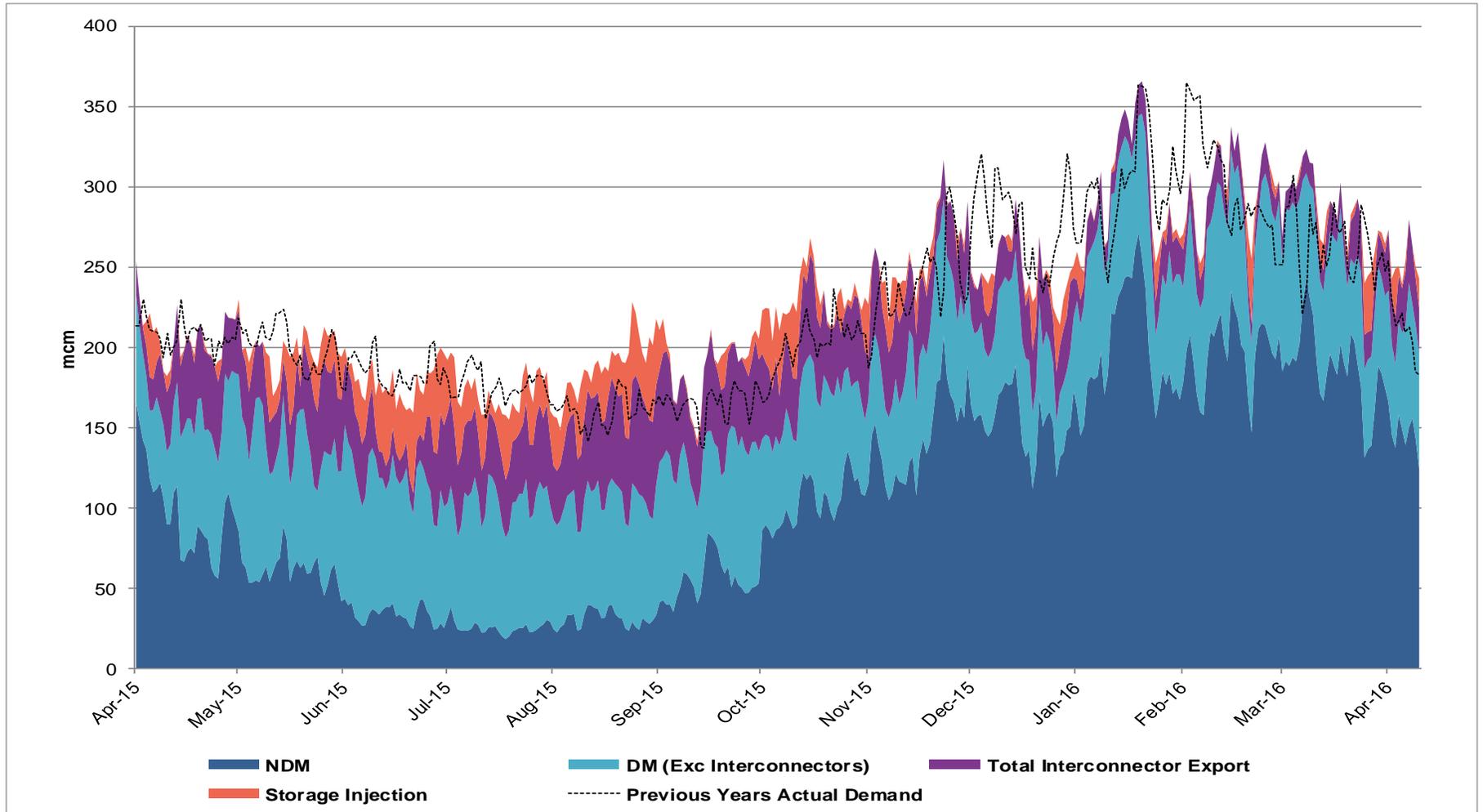


Demands



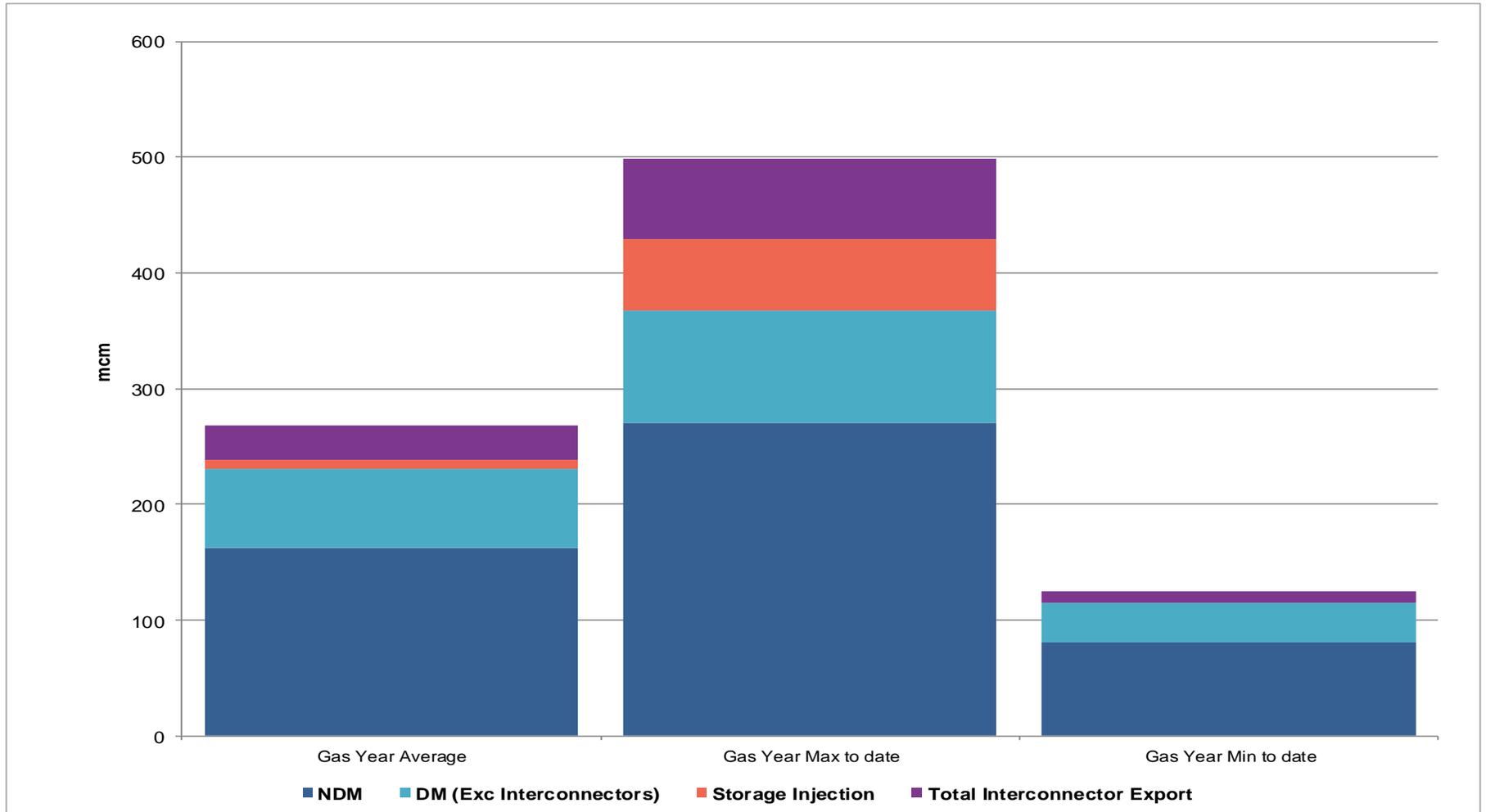
Gas Demand Breakdown

1st April 2015 to 10th April 2016 vs Previous Year



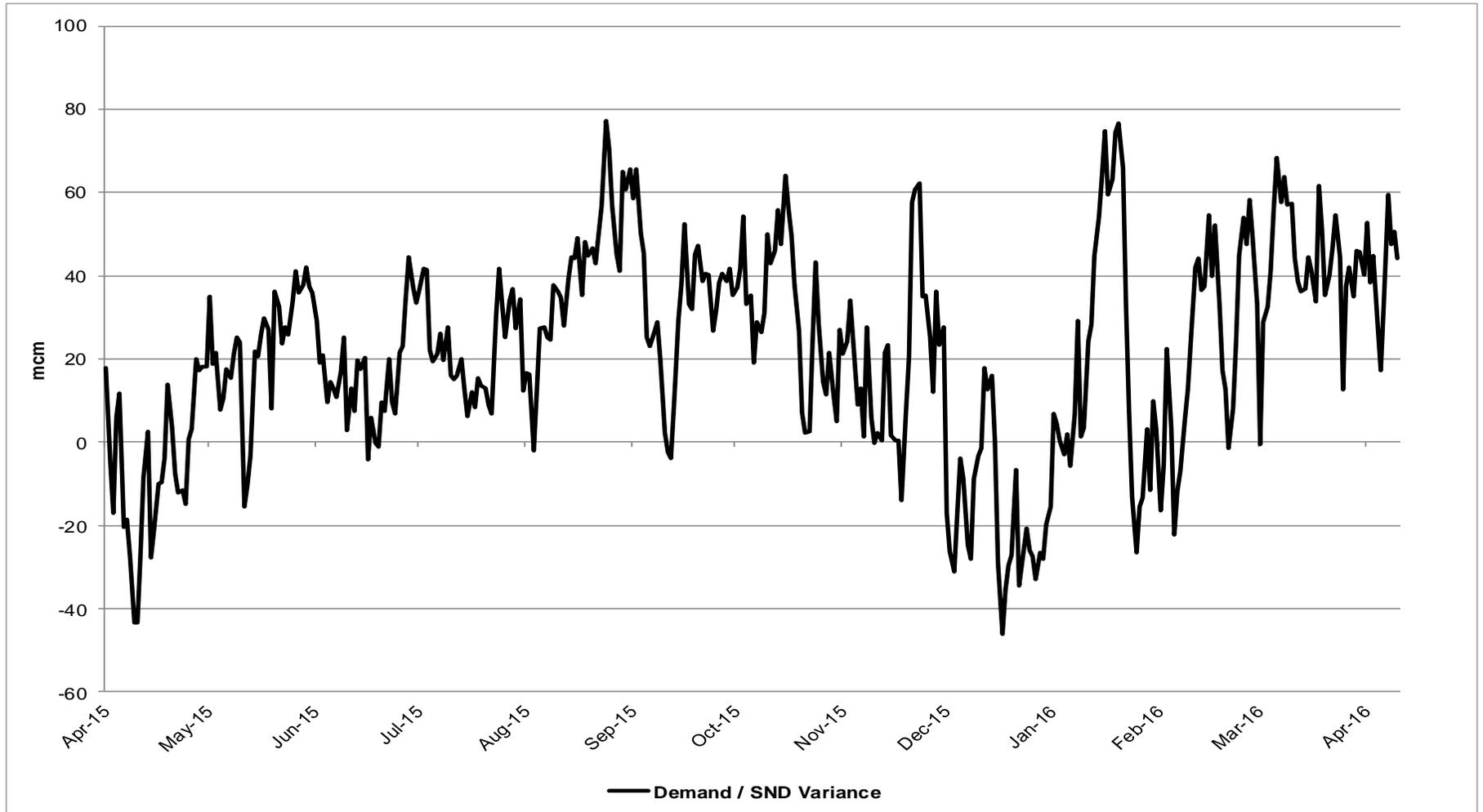
Gas Demand Statistics

1st October 2015 to 10th April 2016



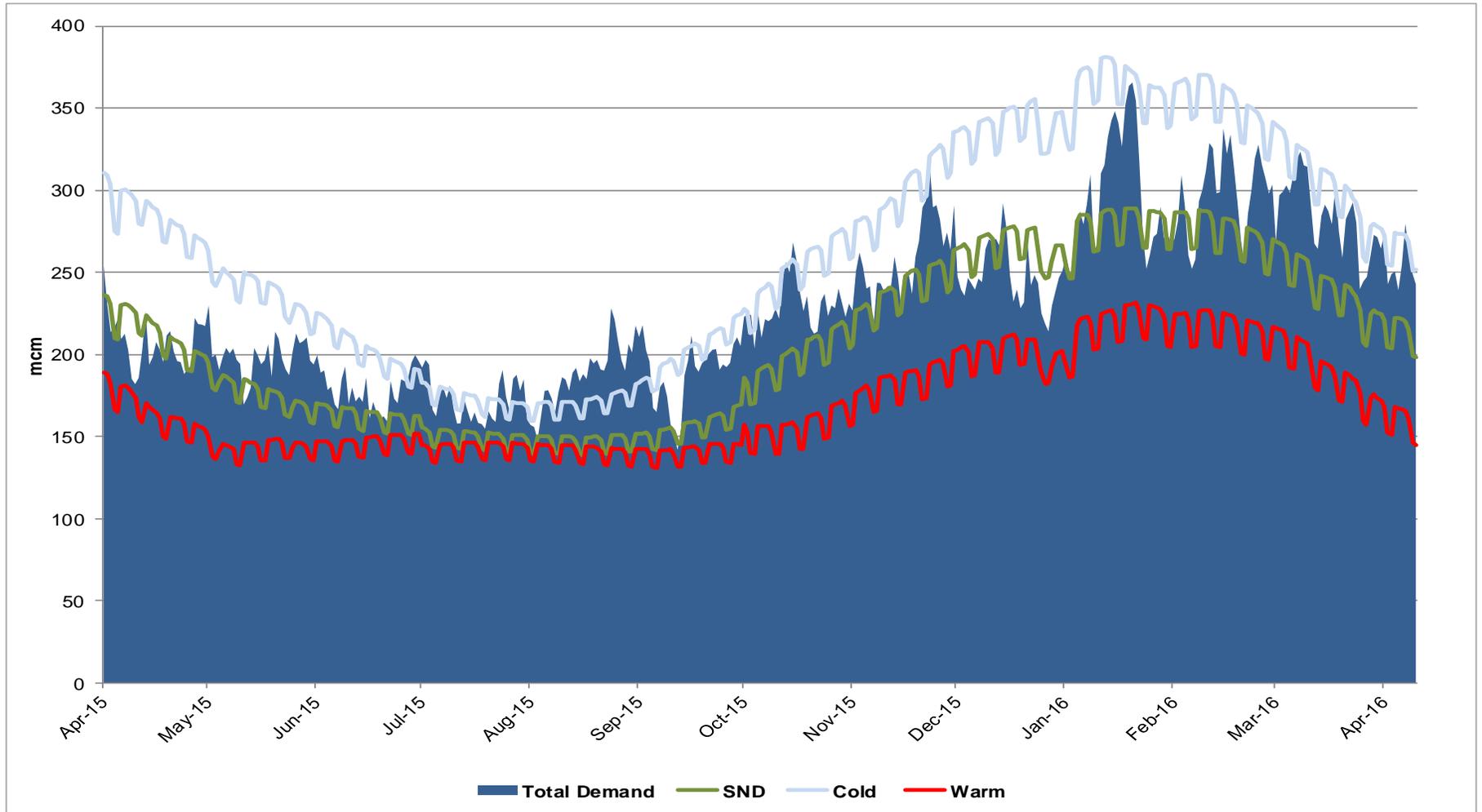
Demand Variance from SND

1st April 2015 to 10th April 2016



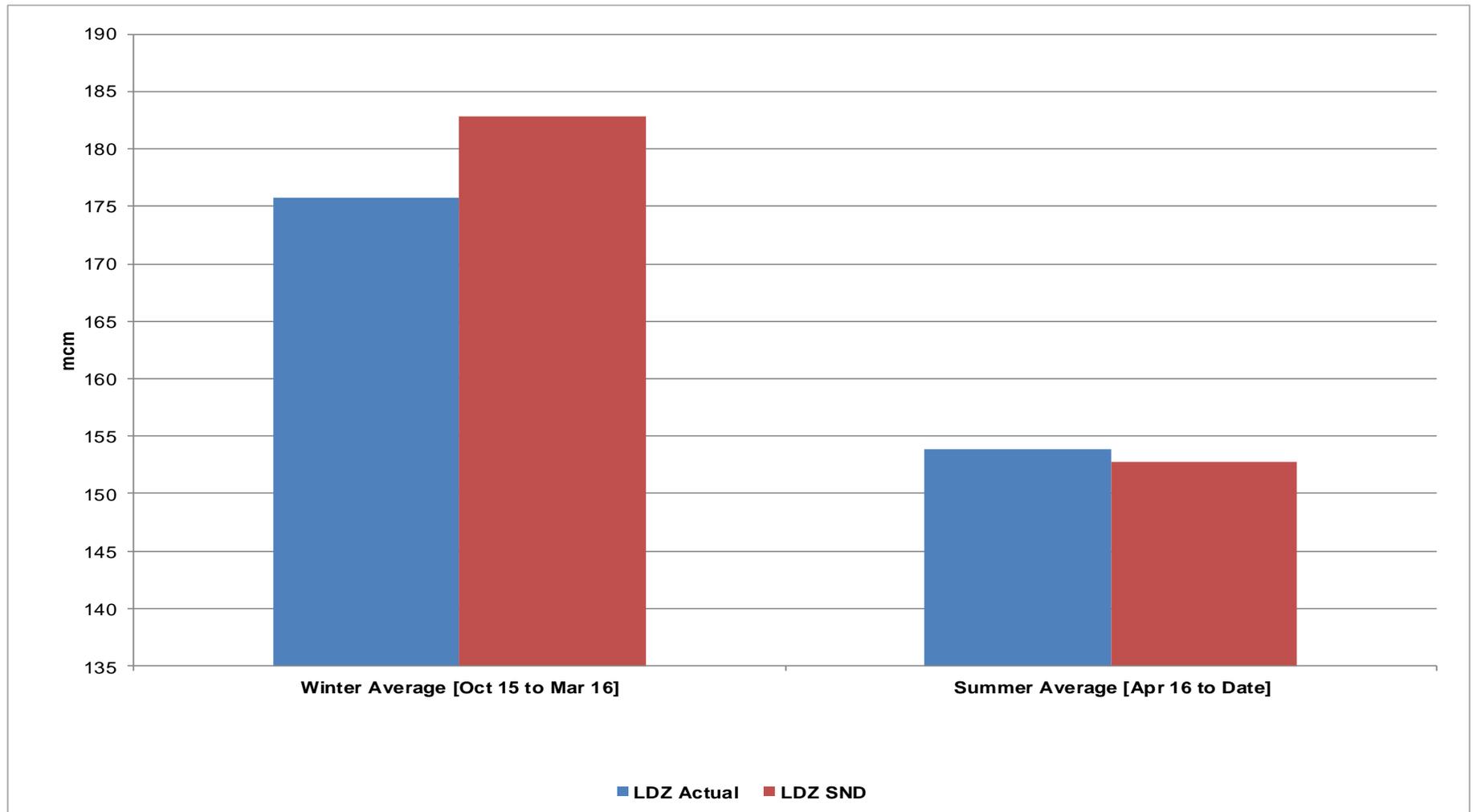
Gas Demand Vs SND / Cold / Warm

1st April 2015 to 10th April 2016



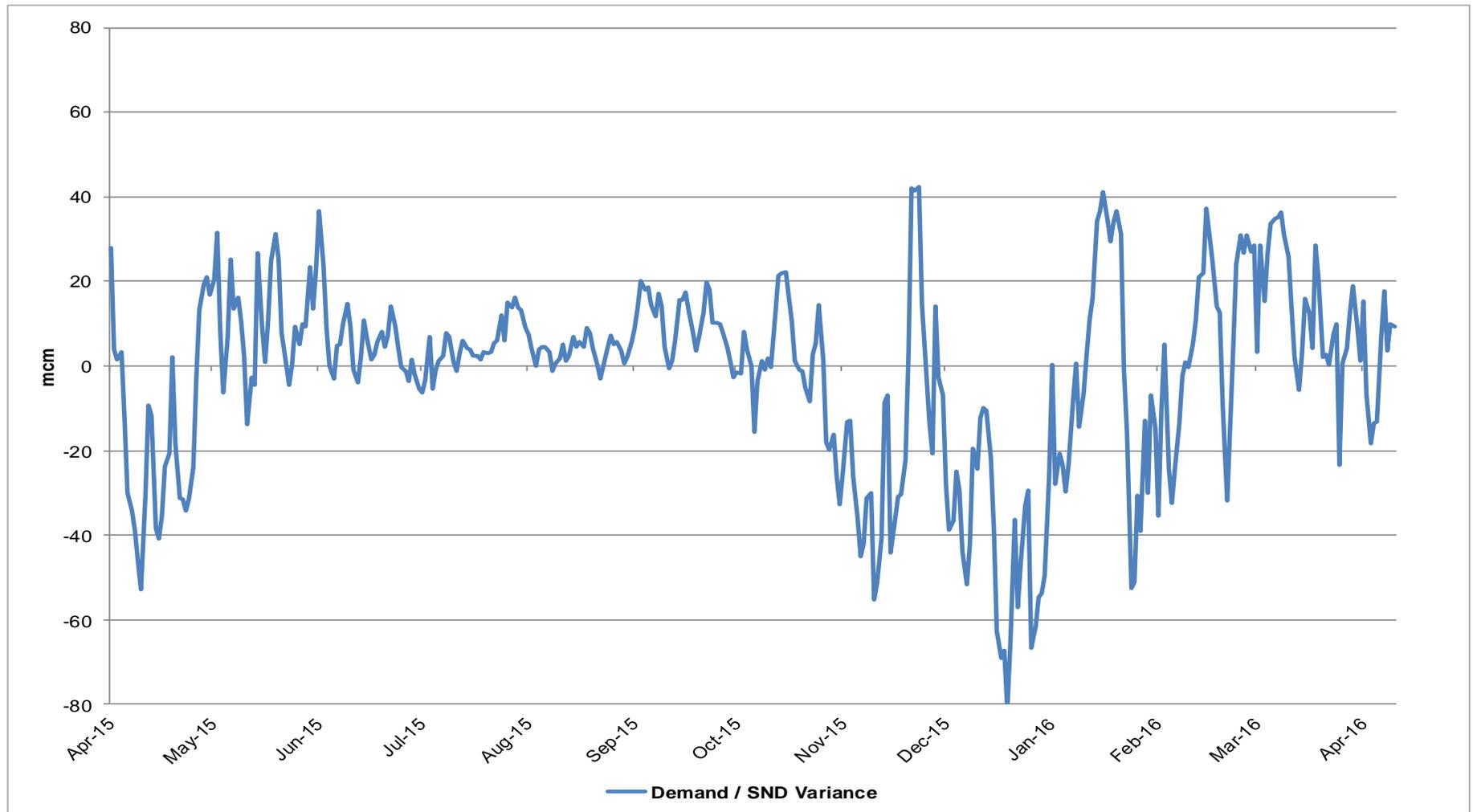
LDZ Actual Demand Vs LDZ SND

1st October 2015 to 10th April 2016



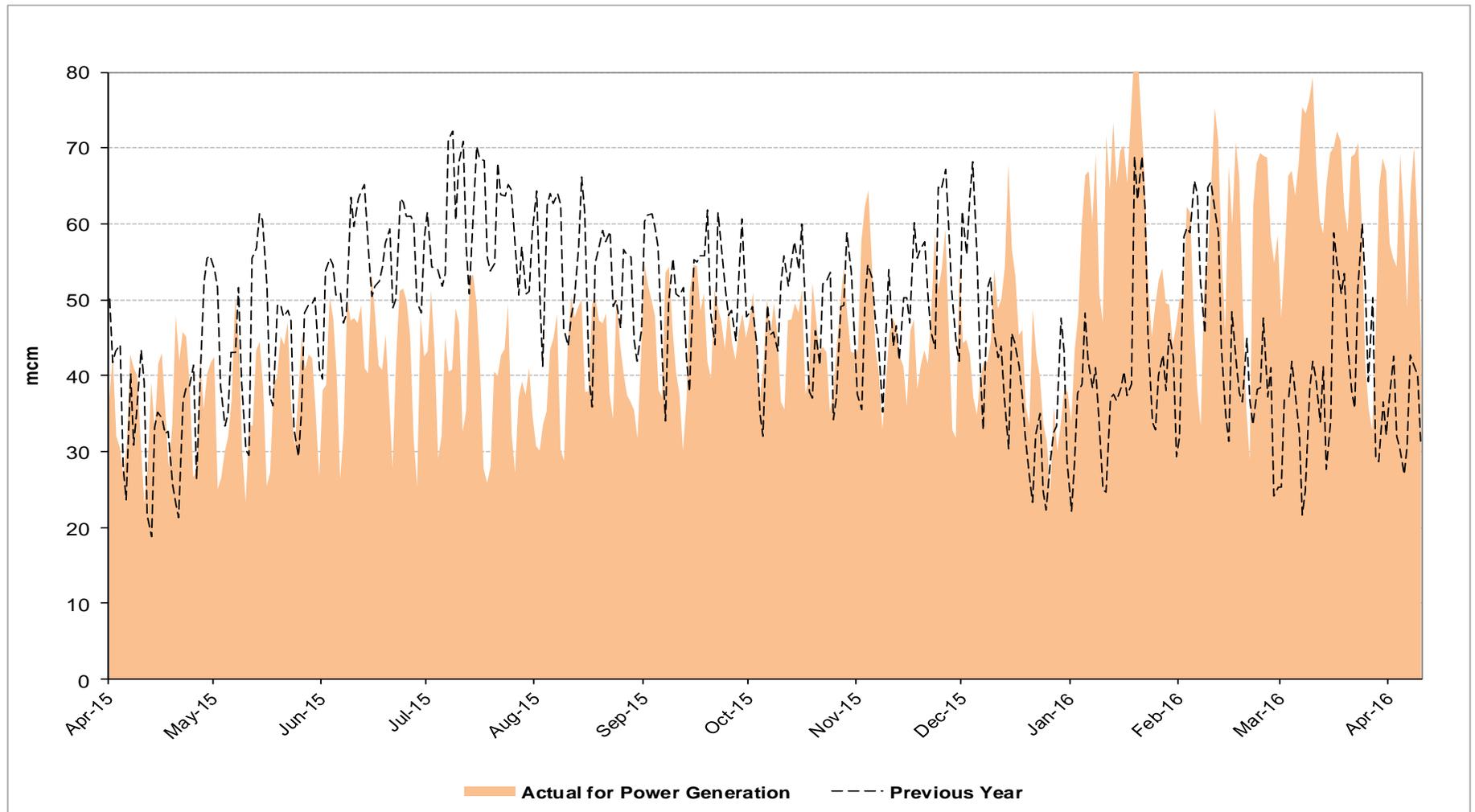
LDZ Demand / LDZ SND Variance

1st April 2015 to 10th April 2016



Gas Consumption for Power Generation

1st April 2015 to 10th April 2016

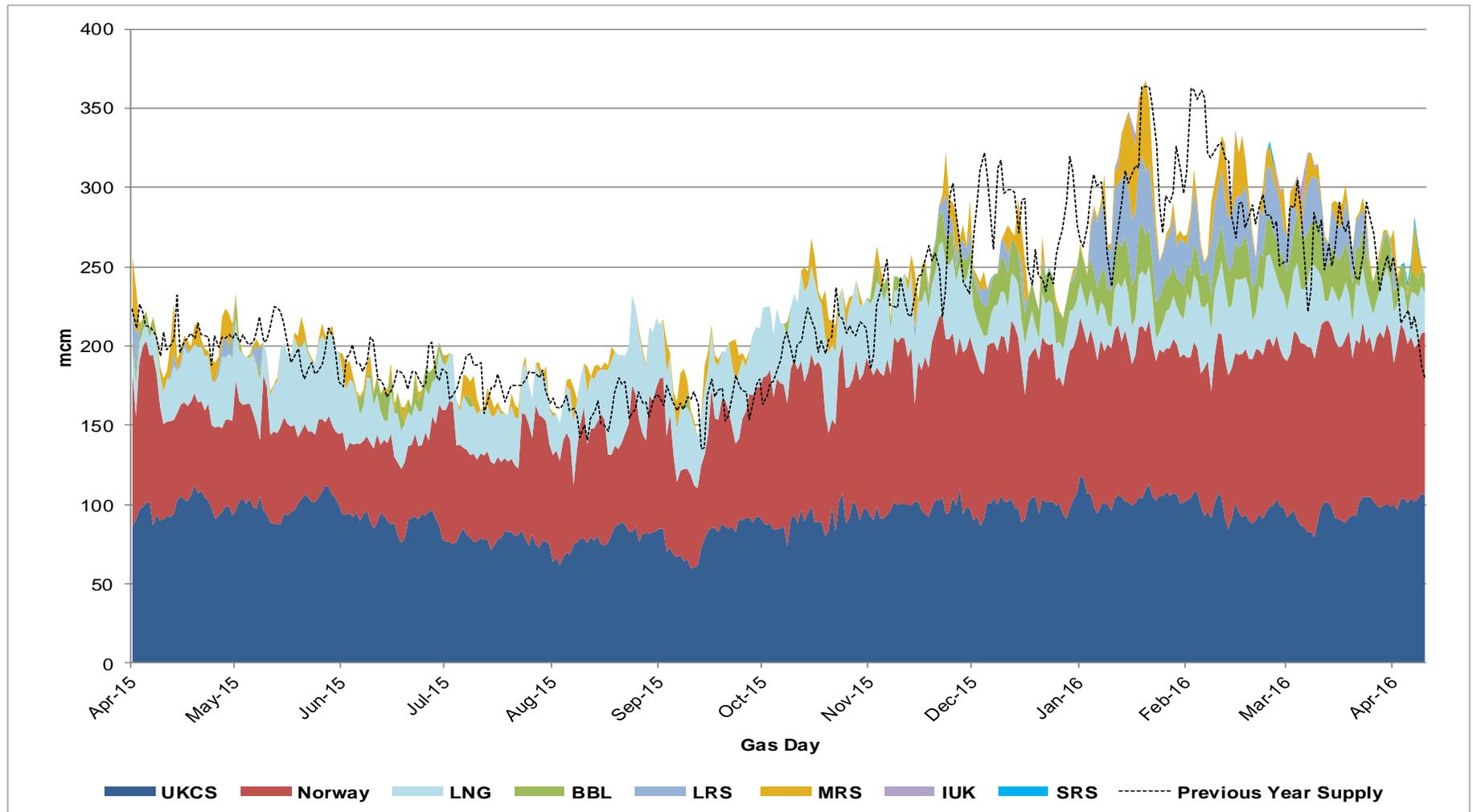


Supplies



Gas Supply Breakdown

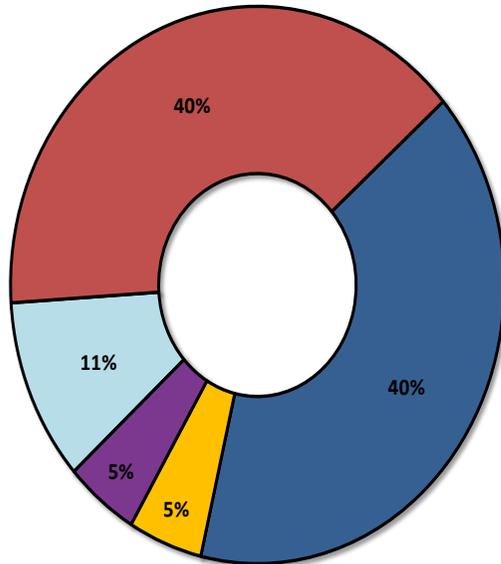
1st April 2015 to 10th April 2016 vs Previous Year



Gas Supply Breakdown

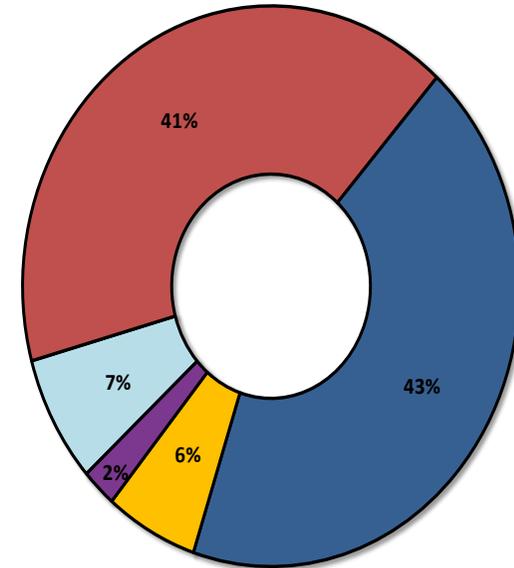
1st April 2016 to 10th April 2016 vs Previous Year

01 April 2016 to 10 April 2016



■ LNG
 ■ Norwegian
 ■ UKCS
 ■ Storage
 ■ Interconnectors

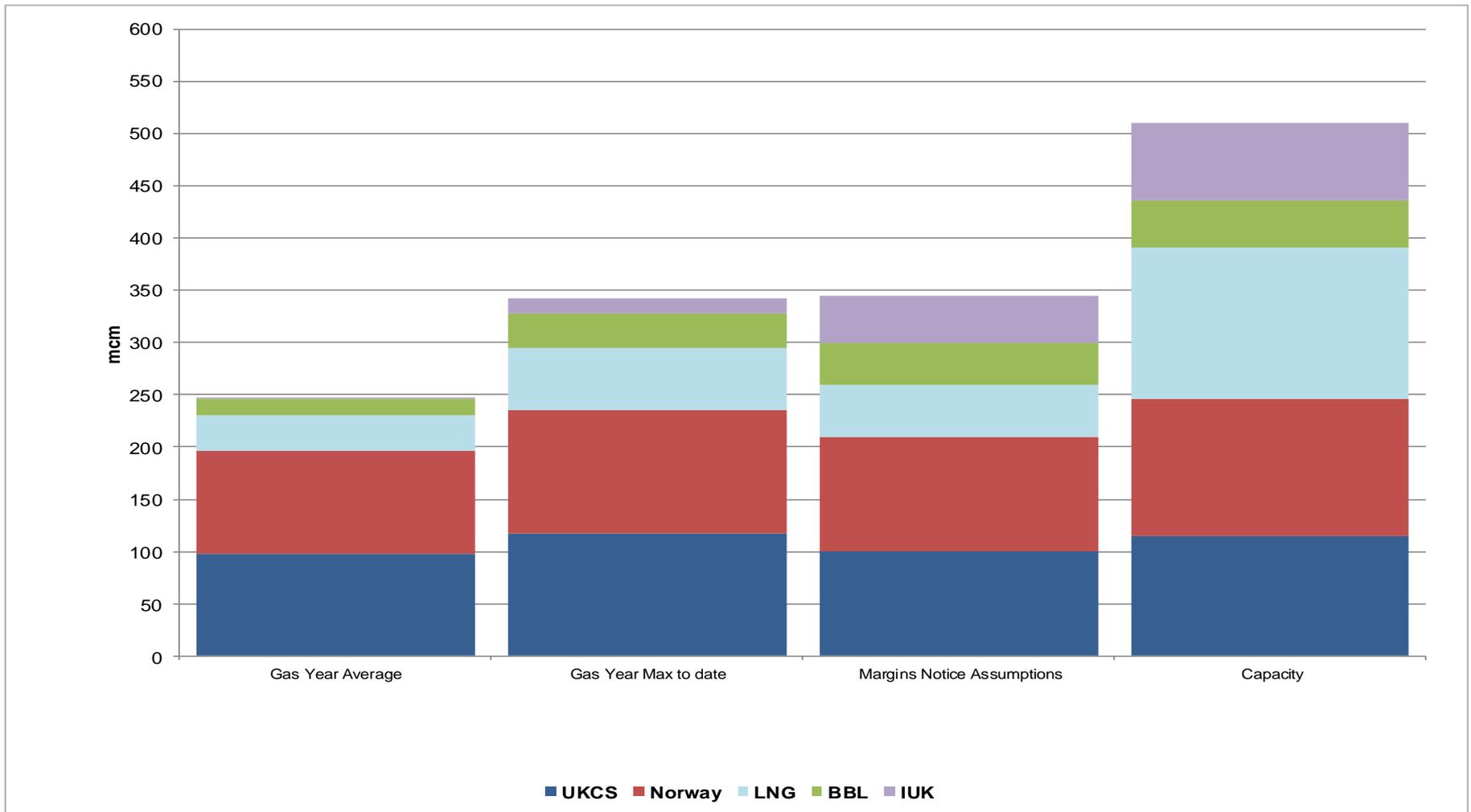
01 April 2015 to 10 April 2015



■ LNG
 ■ Norwegian
 ■ UKCS
 ■ Storage
 ■ Interconnectors

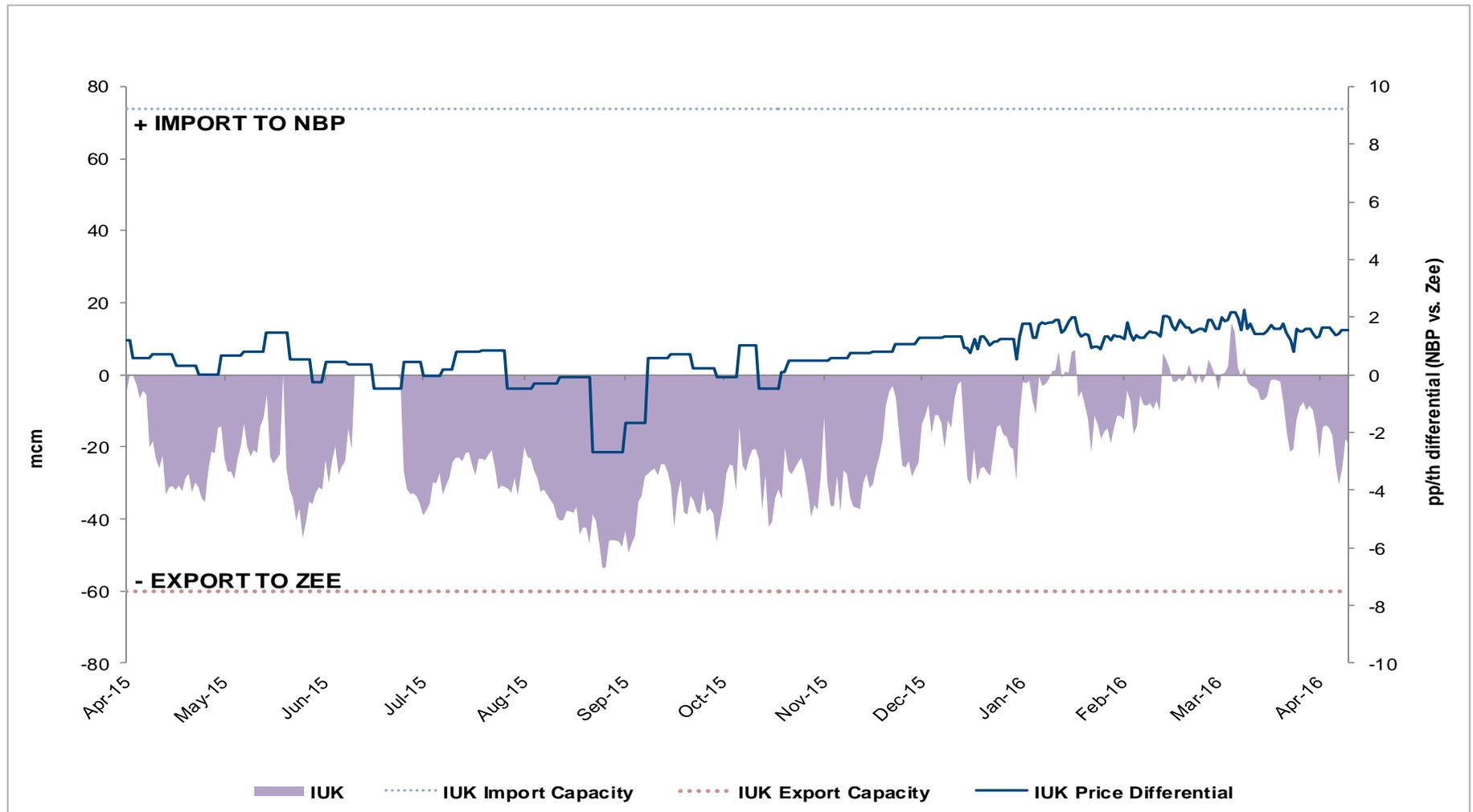
NSS (Non Storage Supply)

1st October 2015 to 10th April 2016



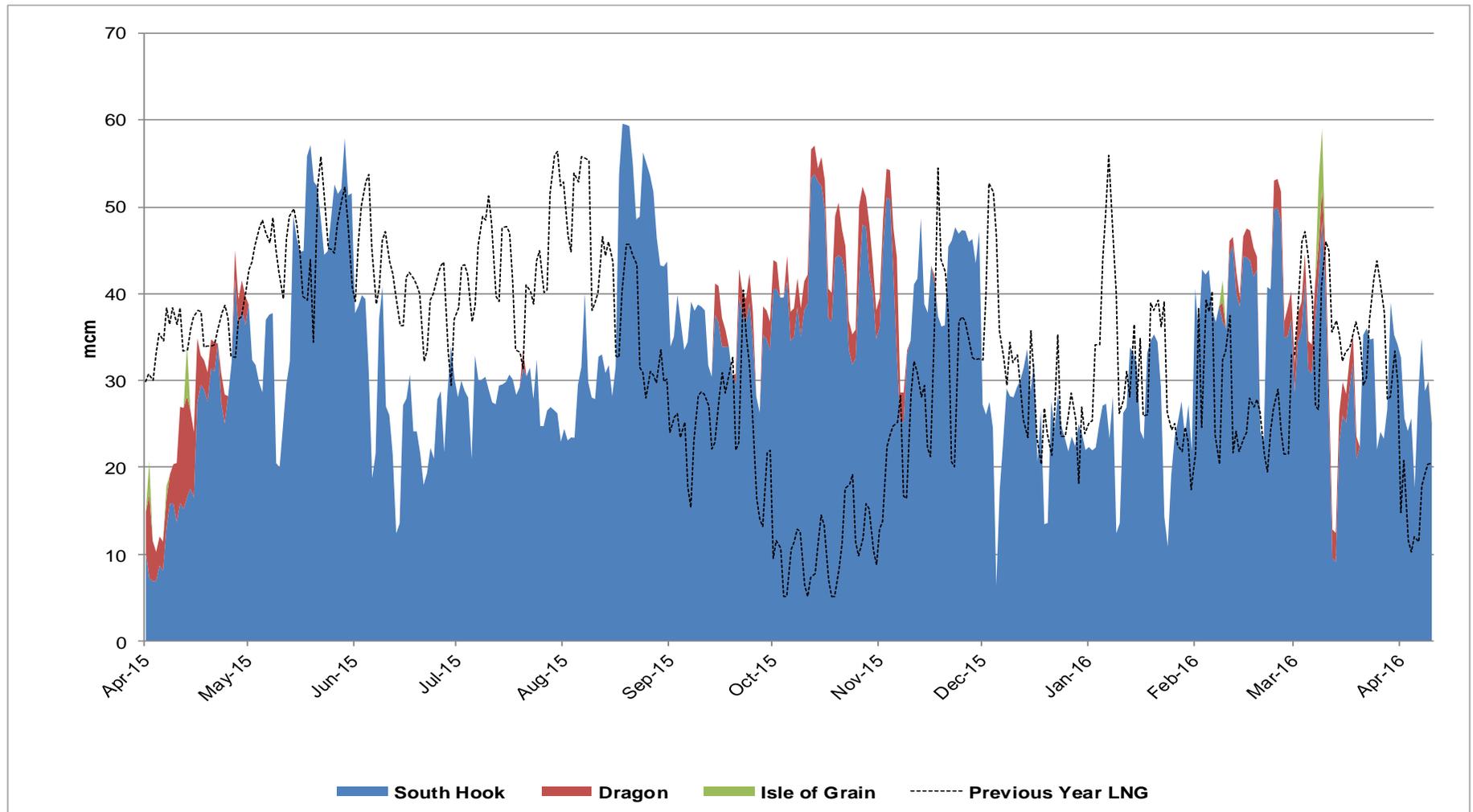
IUK Flows vs NBP & ZEE Price Differential

1st April 2015 to 10th April 2016



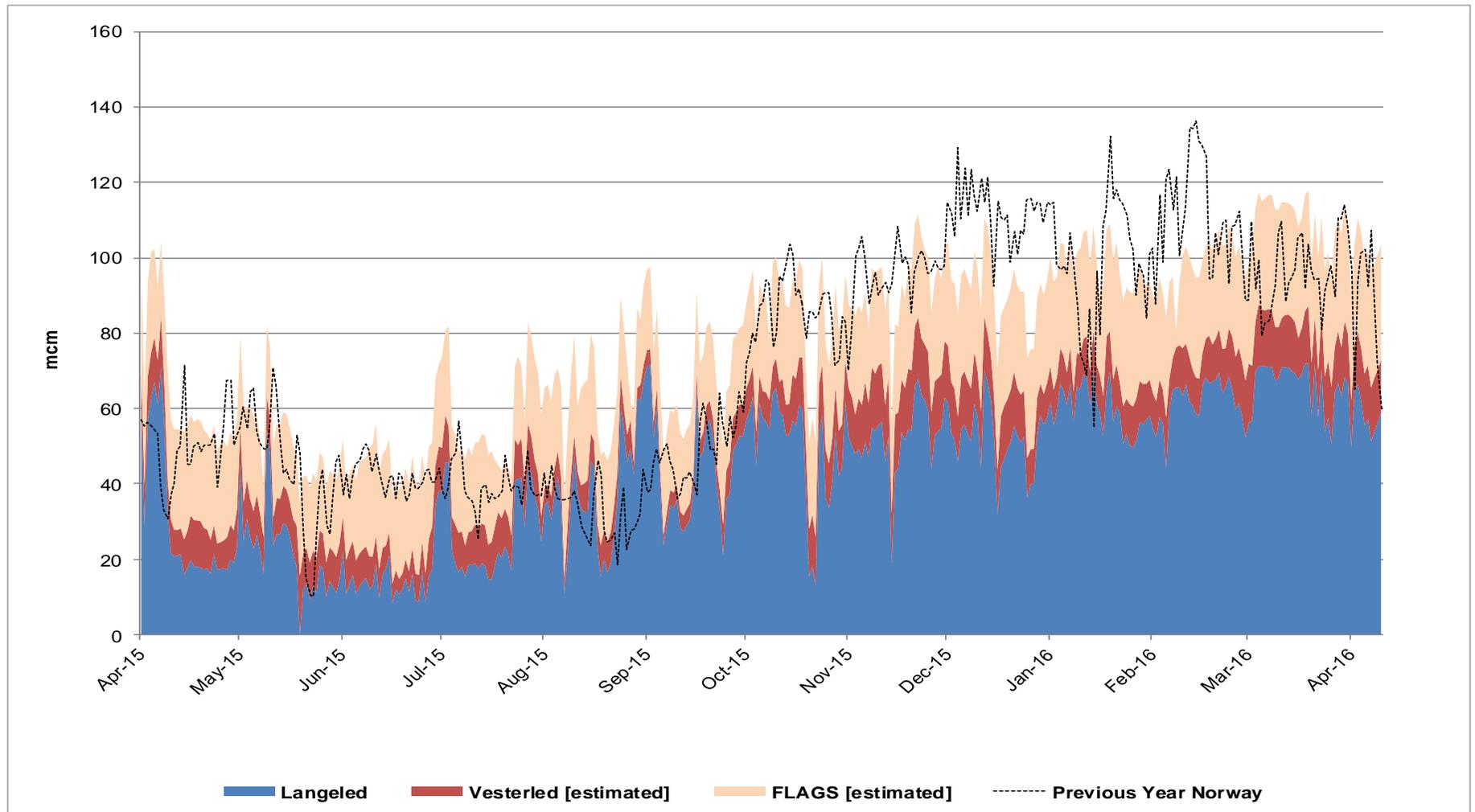
LNG Terminal Flows

1st April 2015 to 10th April 2016



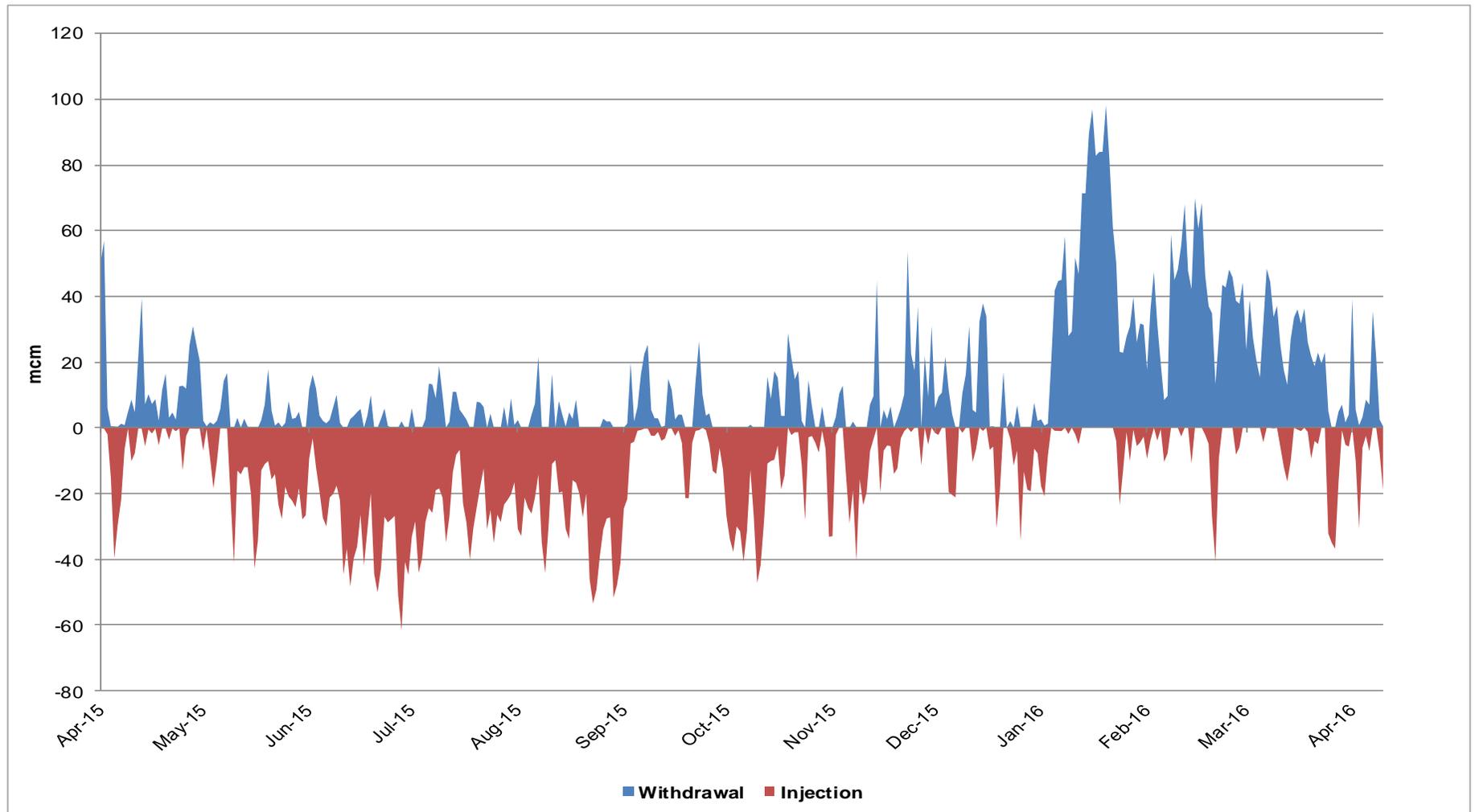
Norwegian Flows

1st April 2015 to 10th April 2016



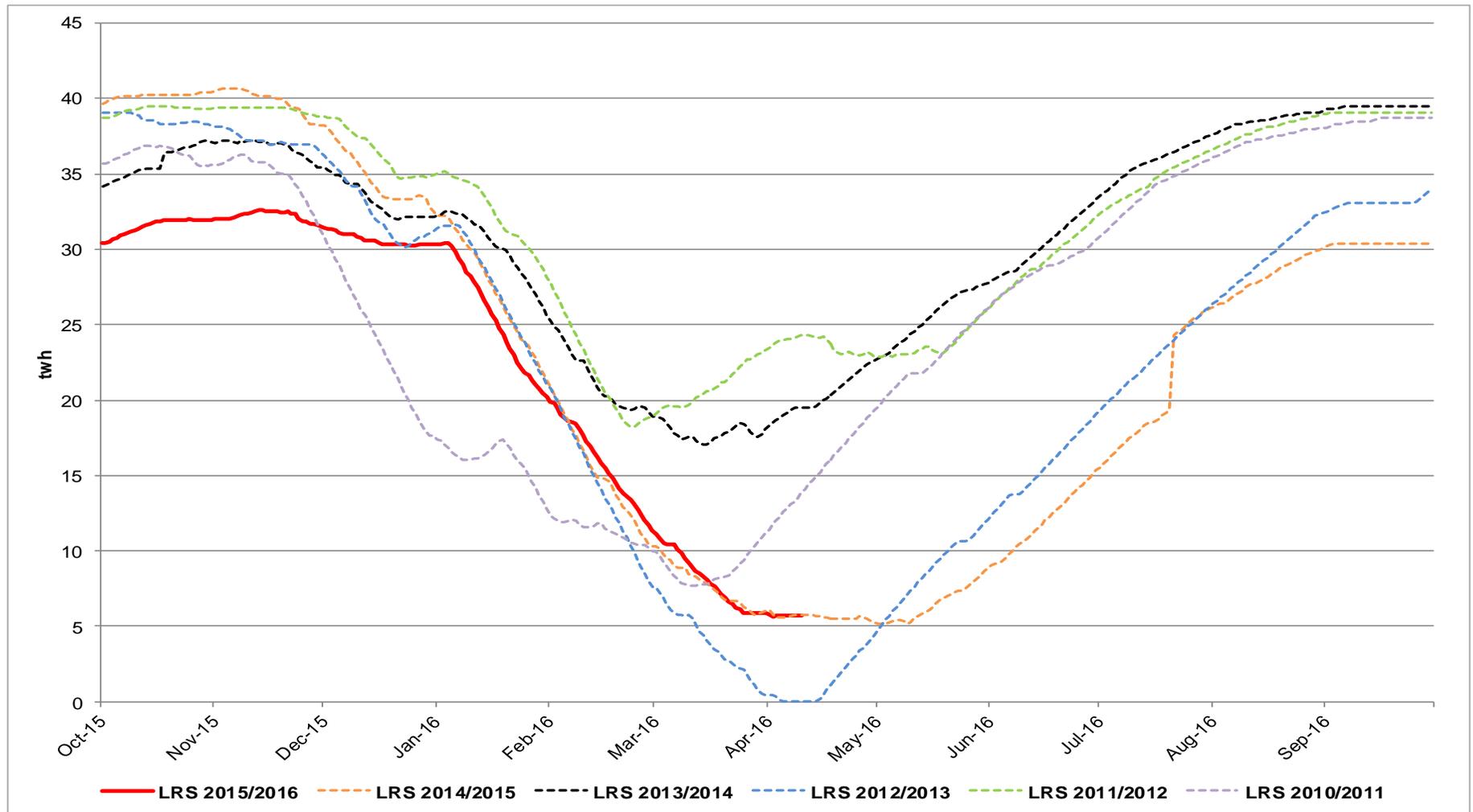
Storage Withdrawal vs Injection

1st April 2015 to 10th April 2016



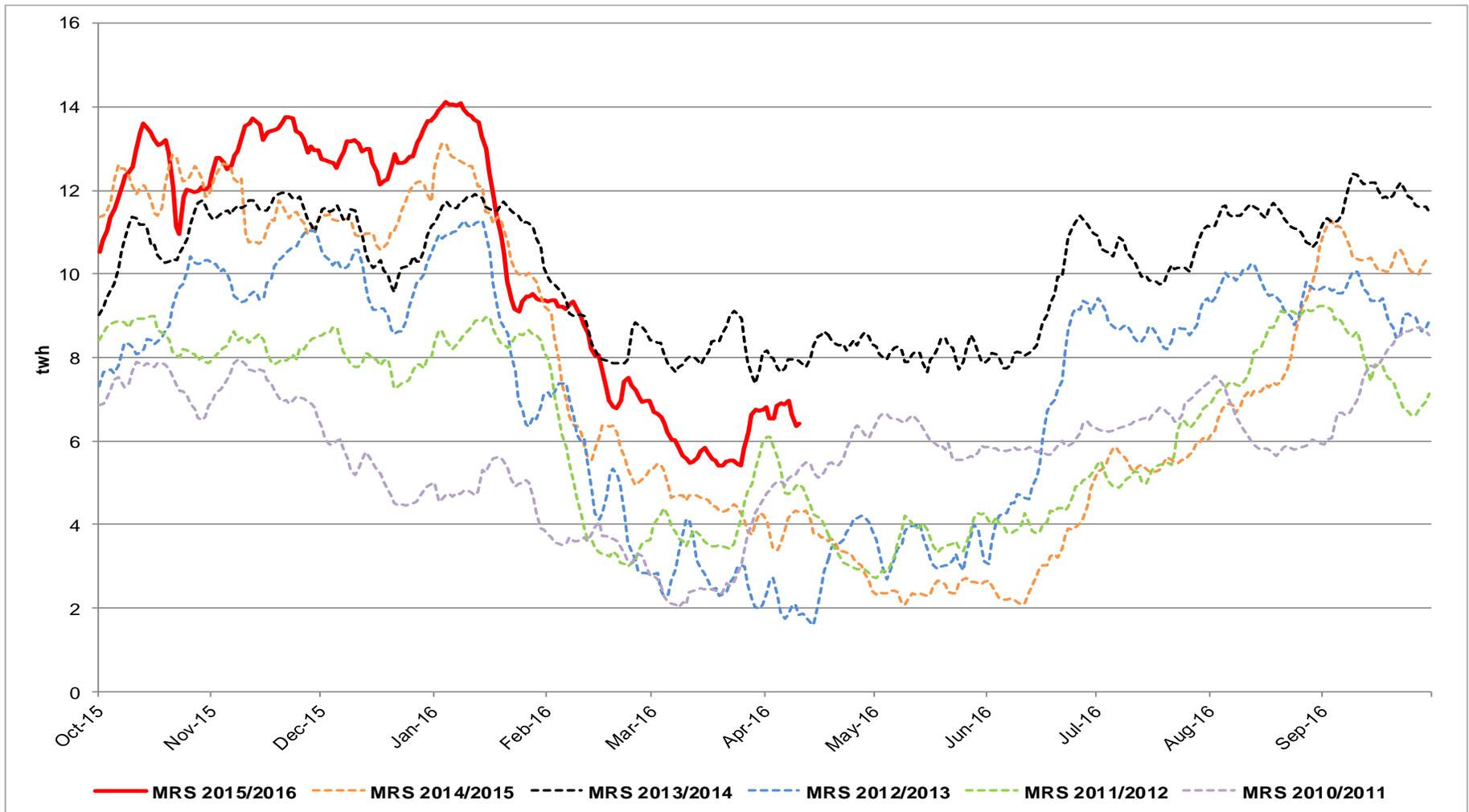
Long Range Storage Stocks (LRS)

1st October 2015 to 10th April 2016 vs Previous Year



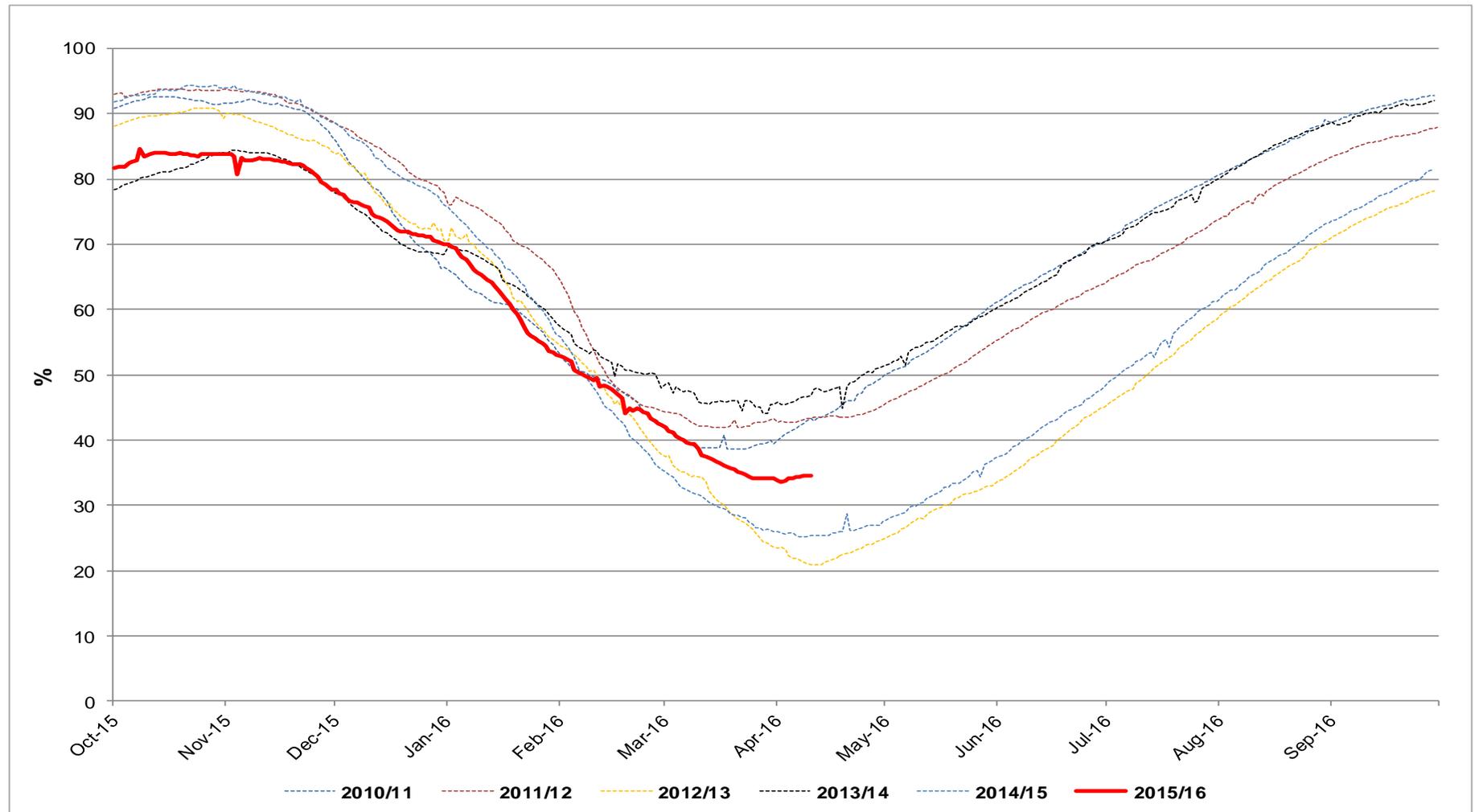
Medium Range Storage Stocks (MRS)

1st October 2015 to 10th April 2016 vs Previous Year



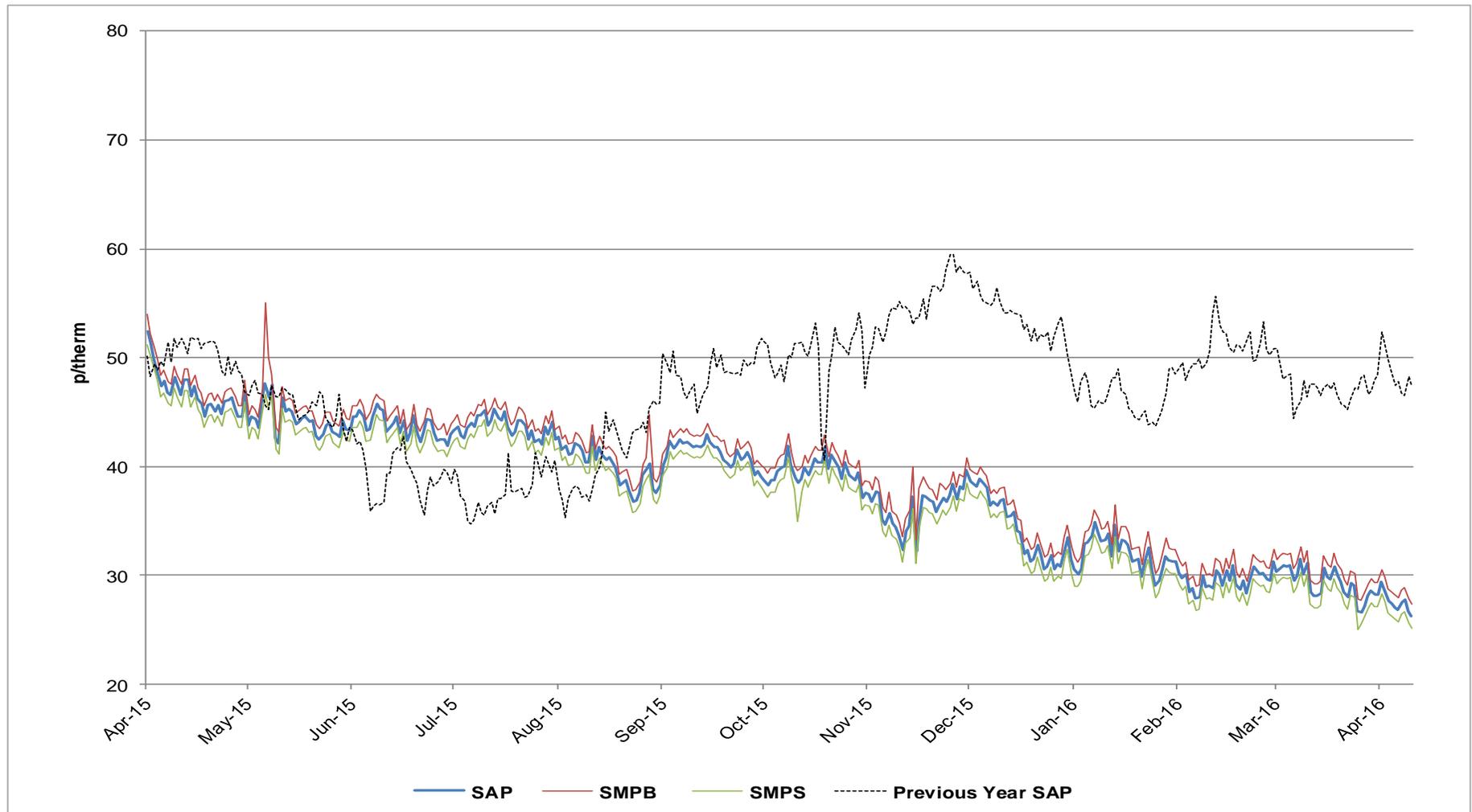
Combined EU Storage Stocks (% Full)

1st October 2015 to 10th April 2016 vs Previous Year



UK Gas Prices

1st April 2015 to 10th April 2016 vs Previous Year



What Operational Issues Affected Users?



Transporter Actions and Neutrality

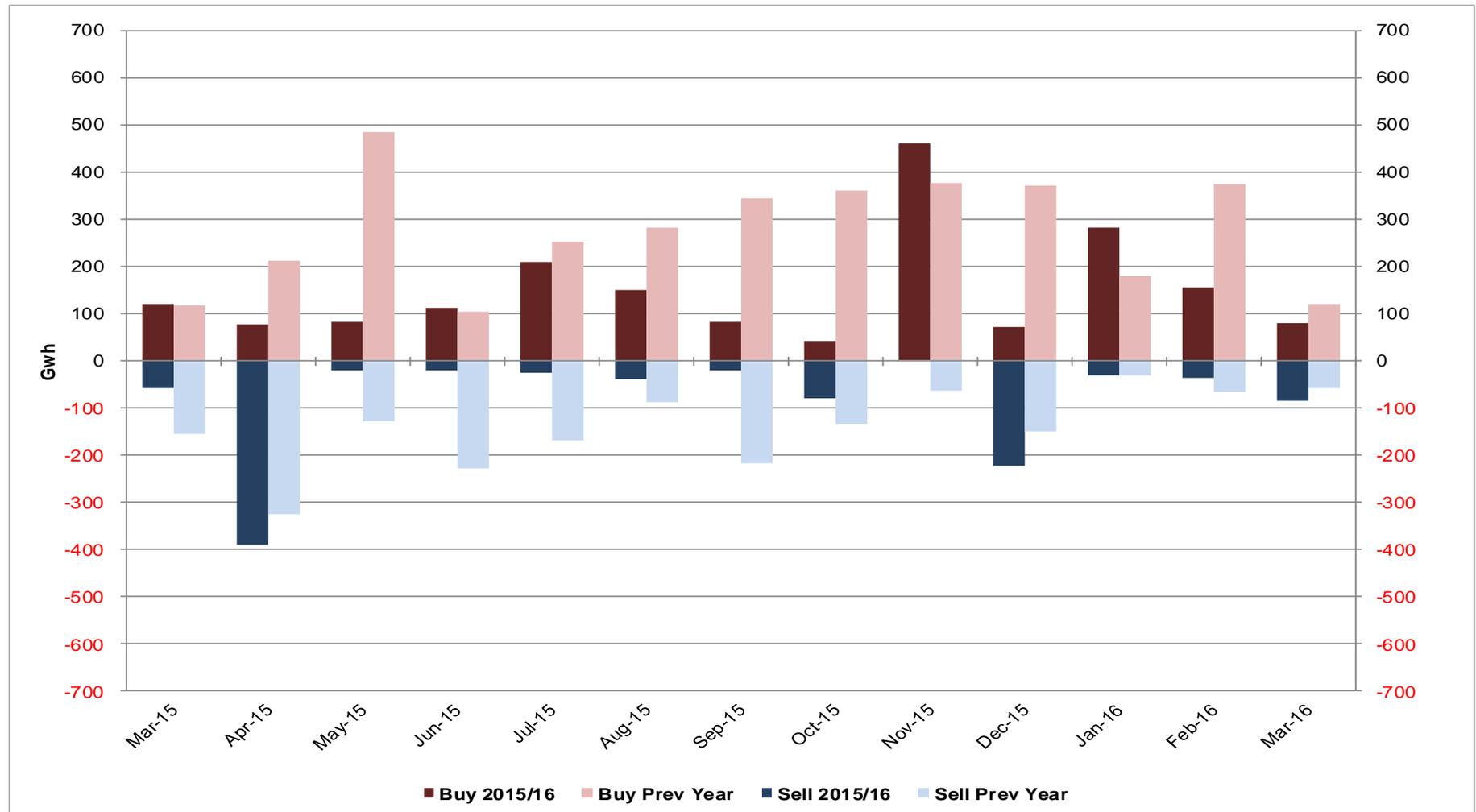


- Energy Balancing
- Capacity

Transporter Energy Traded on the OCM

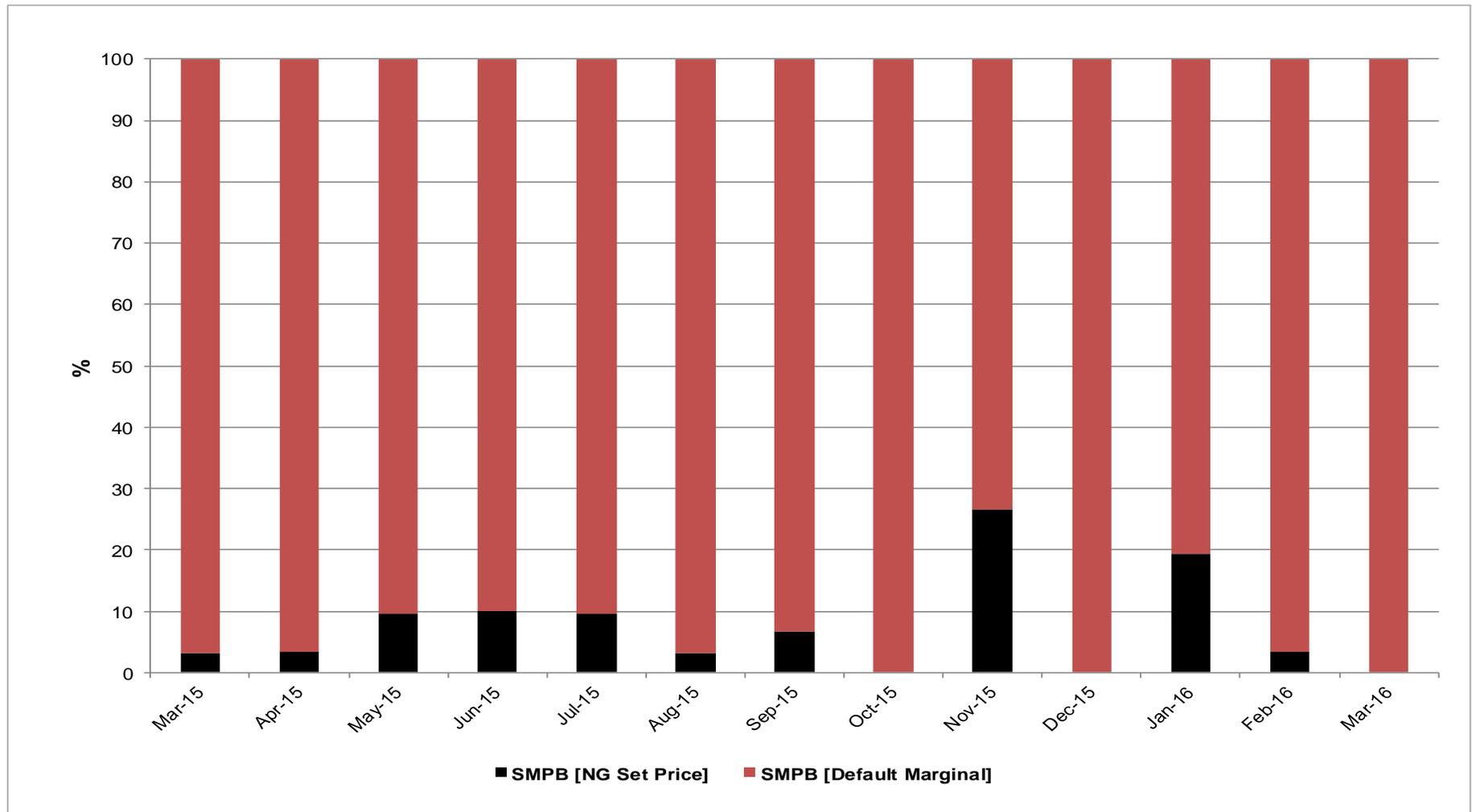
NGG Monthly Buys and Sells

March 2015 to March 2016 vs Previous Year



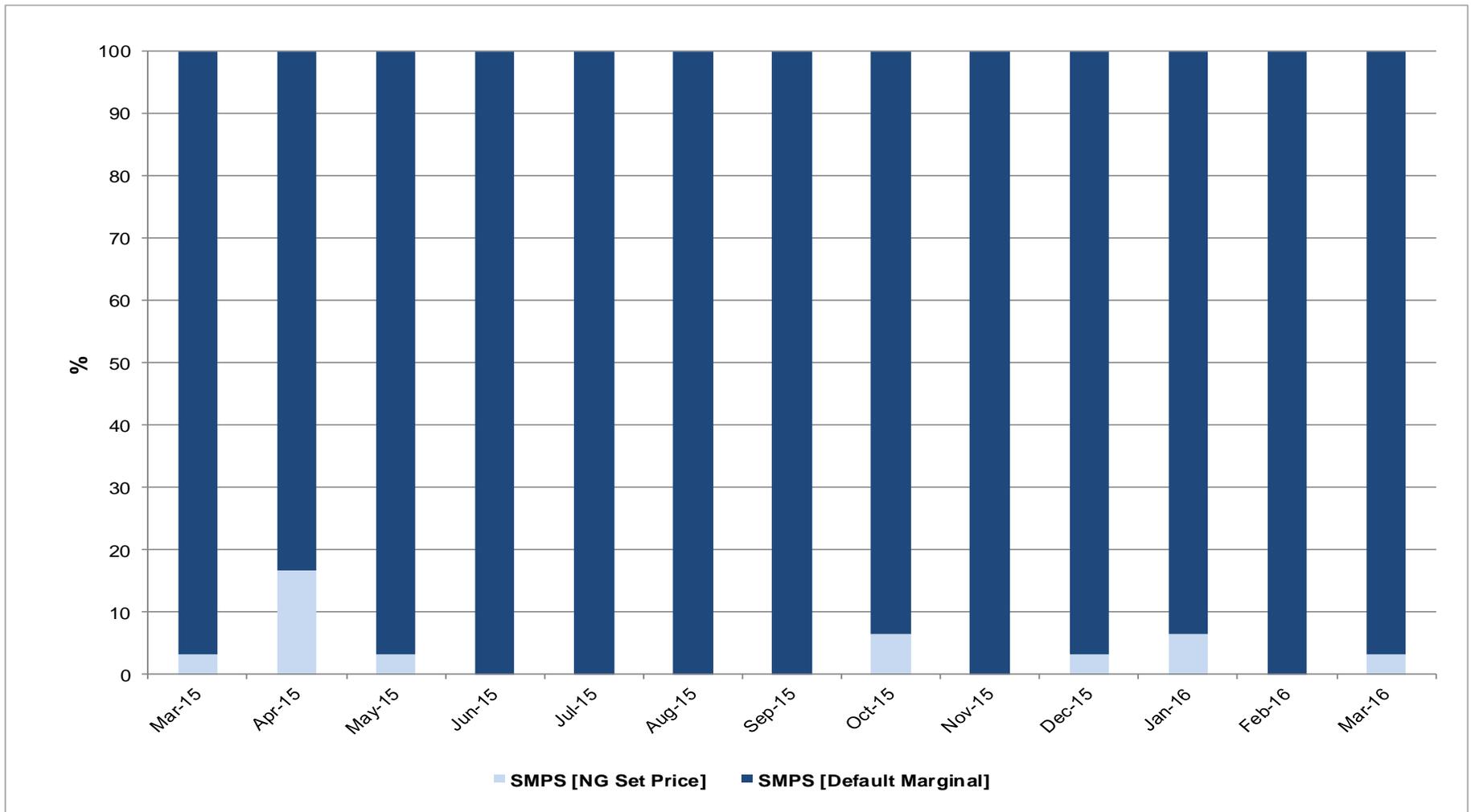
Days of Default SMP Prices (SMPB)

March 2015 to March 2016



Days of Default SMP Prices (SMPS)

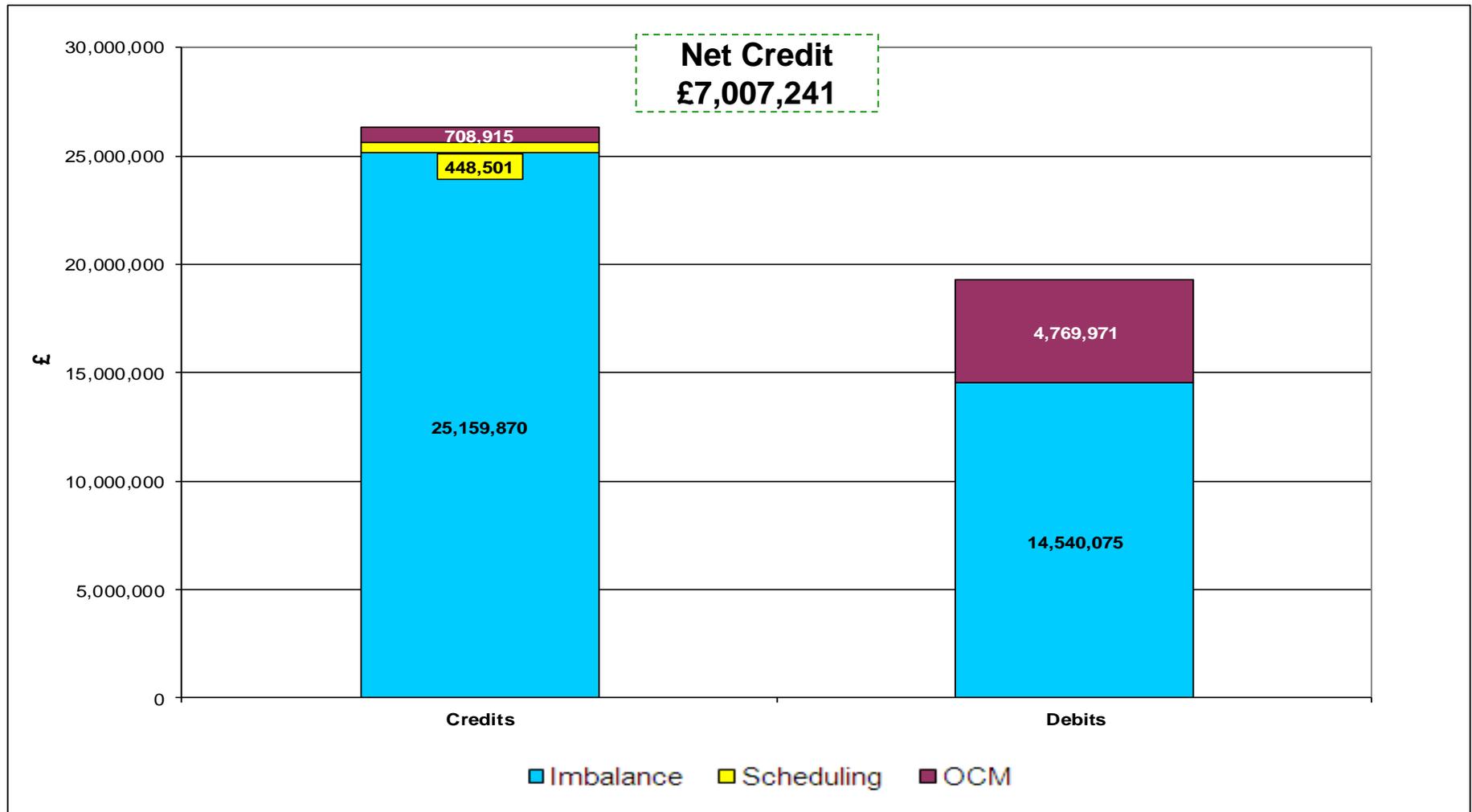
March 2015 to March 2016



Energy Balancing - Balancing Costs

Payments / Charges / Net Credit / Debit (Imbalance / Scheduling / OCM)

January / February 2016



Energy Balancing - Balancing Costs

nationalgrid

Payments / Charges / Net Credit / Debit (Imbalance / Scheduling / OCM)

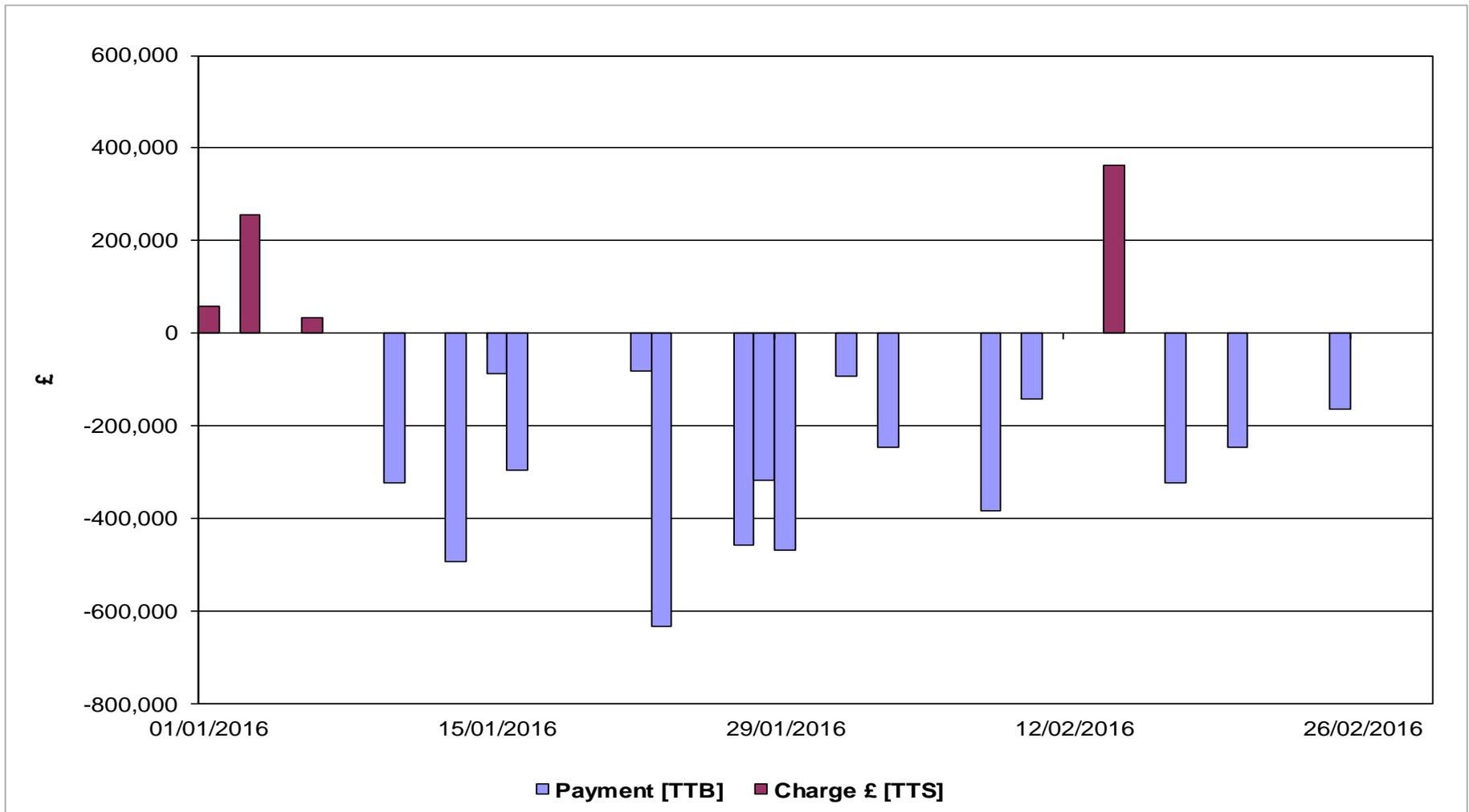
January / February 2016

		Jan-16	Feb-16
Imbalance	Payment £ [DCS]	-7,586,235	-6,953,840
	Charge £ [DCT]	15,633,592	9,526,278
Scheduling	Exit Charge £ [DXS]	9,286	5,228
	Exit Charge £ [EXS]	48,098	49,679
	Entry Charge £ [ESC]	196,299	139,912
OCM	Payment £ [TTB]	-3,166,036	-1,603,935
	Charge £ [TTS]	345,447	363,468
Balancing Costs		5,480,451	1,526,790

Energy Balancing - Balancing Costs

OCM Payments / Charges

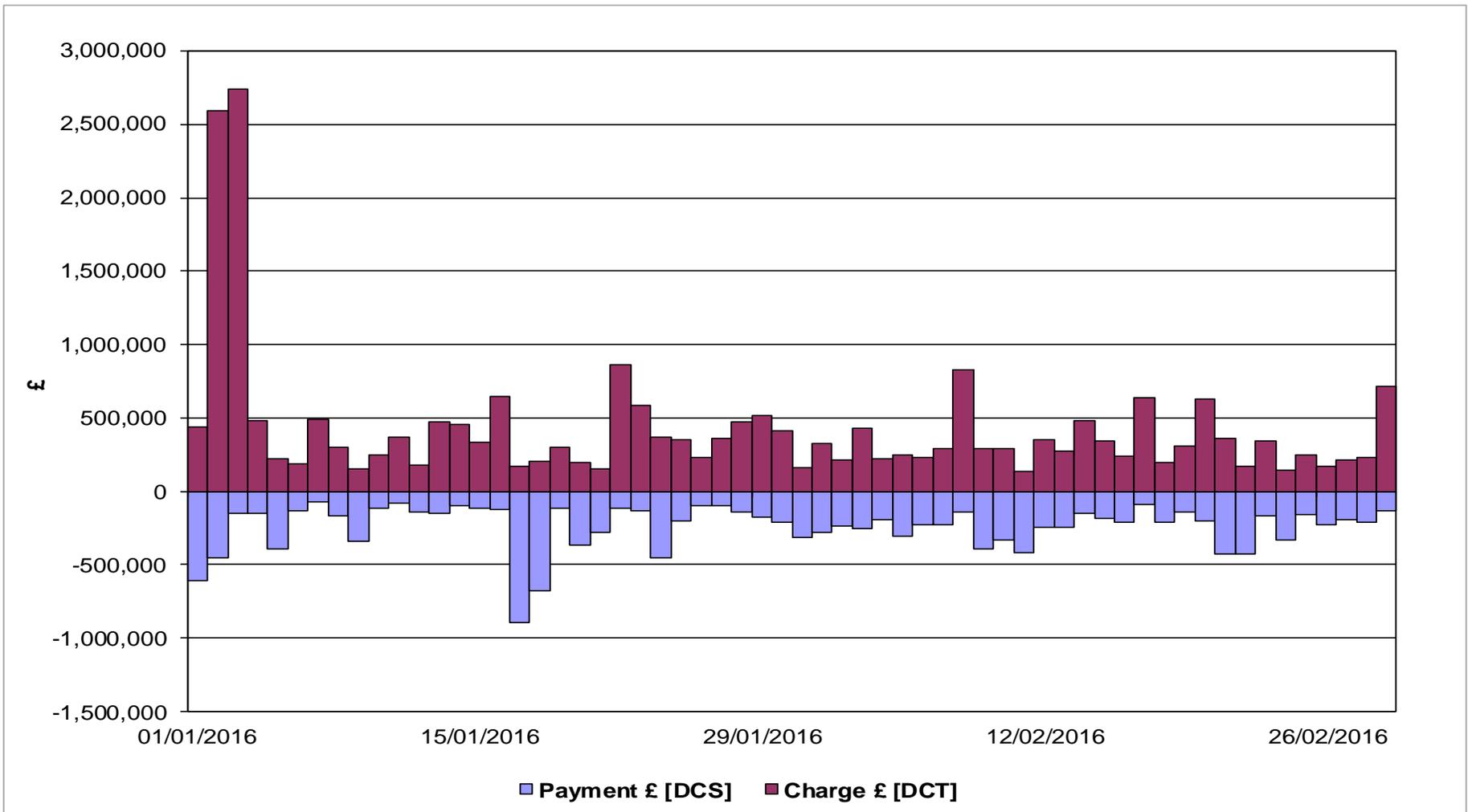
January / February 2016



Energy Balancing - Balancing Costs

Imbalance Payments / Charges

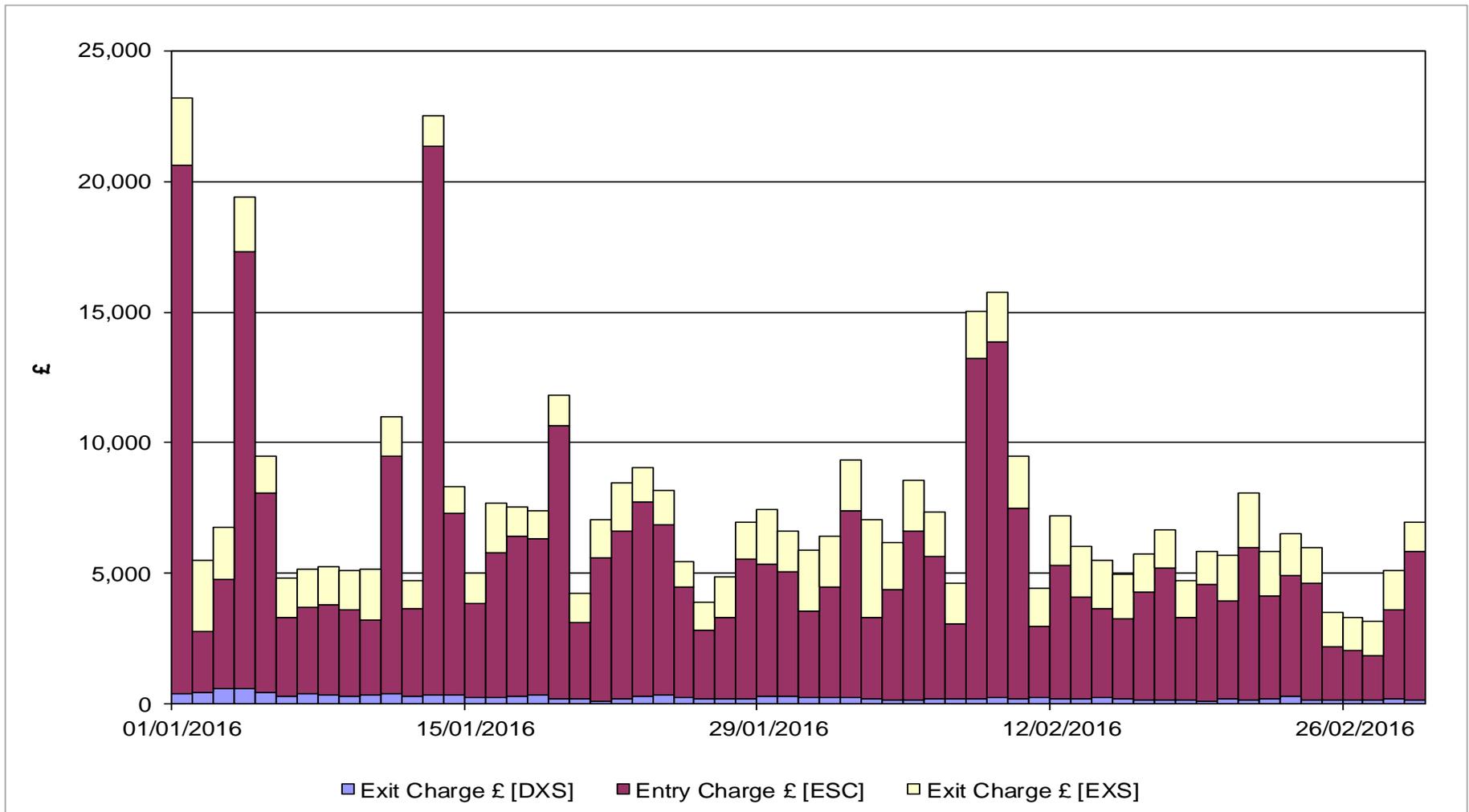
January / February 2016



Energy Balancing - Balancing Costs

Scheduling Charges

January / February 2016



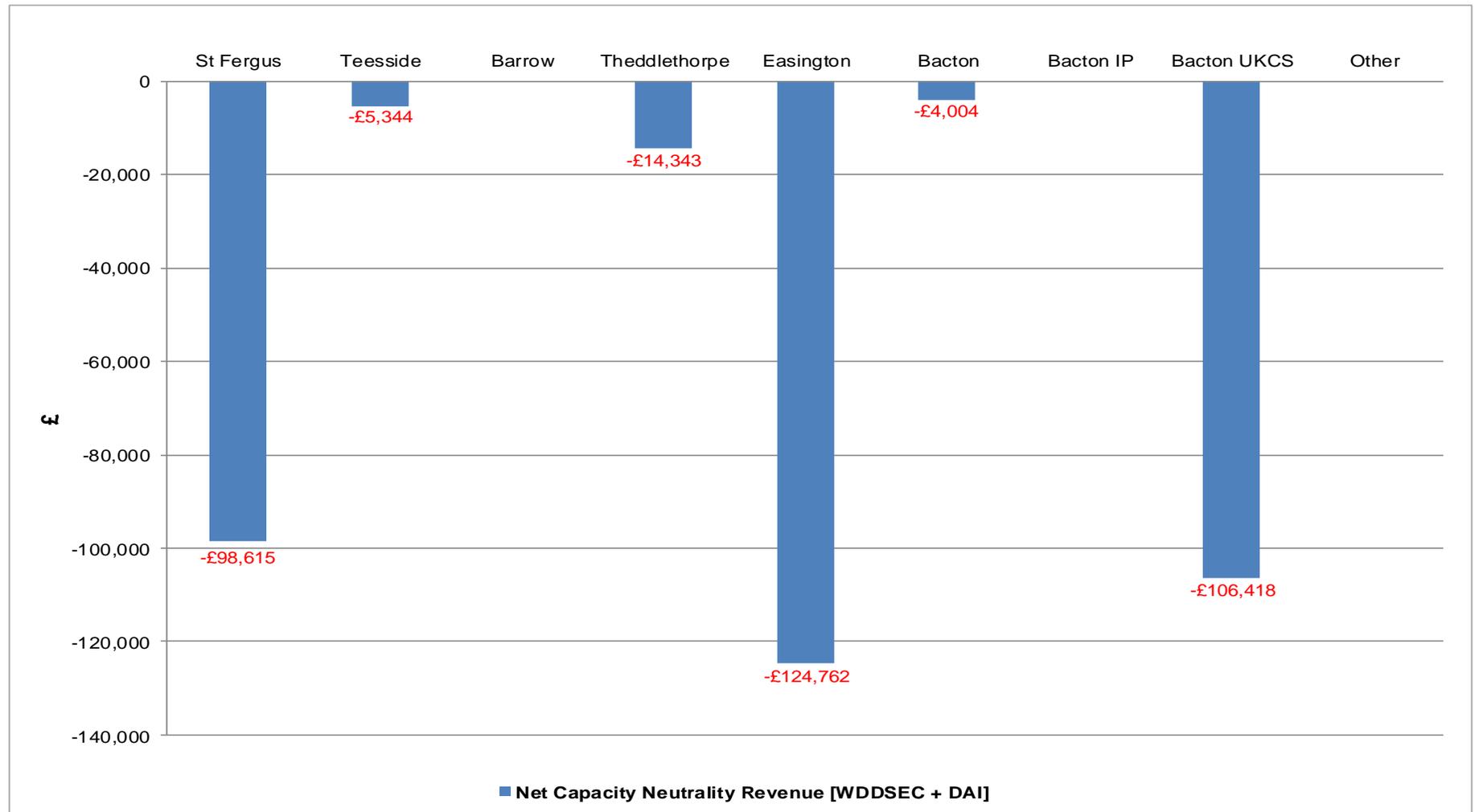
Capacity Neutrality Net Cost / Revenue

1st April 2015 to 31st March 2016

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£353,487
Total Entry Constraint Management Operational Costs	£0
Entry Capacity Overrun Revenue	-£577,993 (As at Feb 2016, March 2016 data not yet available)
Non-Obligated Sales Revenue (Entry only)	-£492,497
Revenue from Locational Sells and PRI Charges	£0
Net Revenue	-£1,423,977

Net Capacity Neutrality Revenue

1st April 2015 - 31st March 2016



Capacity Neutrality

1st April 2015 - 31st March 2016

Month	Entry Cap Overrun Revenue	Non-obligated sales revenue (entry)	Month	Locational Sells and PRI charges revenue
Apr-15	-£212,709	£0	Apr-15	£0
May-15	-£74,181	£0	May-15	£0
Jun-15	-£18,968	£0	Jun-15	£0
Jul-15	-£7,196	-£8	Jul-15	£0
Aug-15	-£25,890	£0	Aug-15	£0
Sep-15	-£12,356	£0	Sep-15	£0
Oct-15	-£33,443	-£15,331	Oct-15	£0
Nov-15	-£90,073	-£27,033	Nov-15	£0
Dec-15	-£62,991	-£20,381	Dec-15	£0
Jan-16	-£11,969	-£147,453	Jan-16	£0
Feb-16	-28,217	-£137,508	Feb-16	£0
Mar-16	-	-£144,782	Mar-16	£0
Total	-£577,993 (FY15-16)	-£492,497 (FY15-16)	Total	£0 (FY15/16)