

Operational Forum Meeting



16 November 2016, 10:30AM

Radisson Grafton Hotel, 130 Tottenham Court Road, London.

System Management Principles Statement



- **Summary of balancing actions and breaches for September and October 2016**
- **Performance compared to last year**

Summary Report

1st January 2016 to 31st October 2016

	Sep-16	Oct-16
Total Number of Buy Actions	17	2
Total Number of Sell Actions	0	3
Total	17	5

	Oct-16	Oct-15
Number of Balancing Actions (Calendar year to date)	119	145

Operational Overview

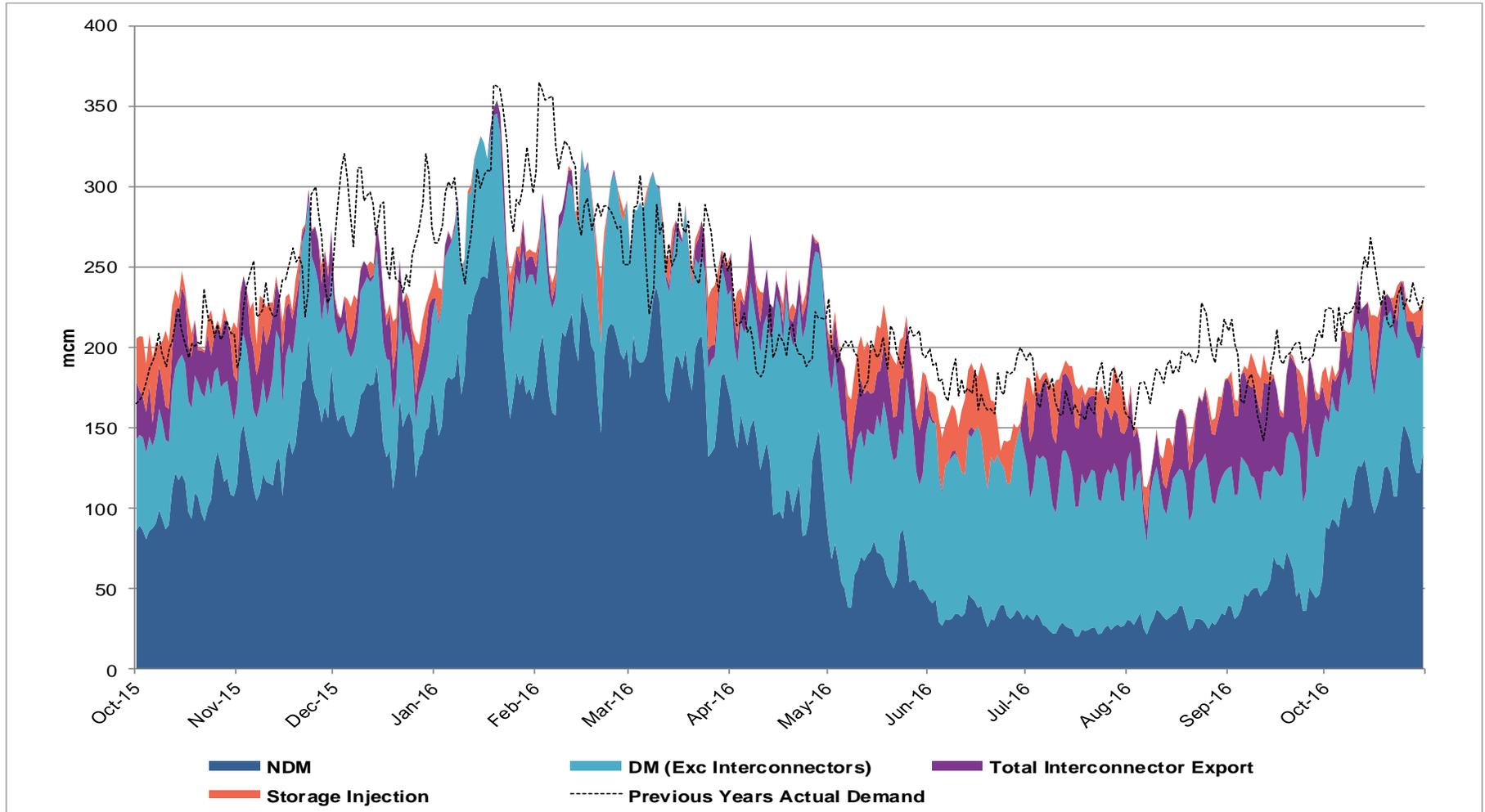


Demands



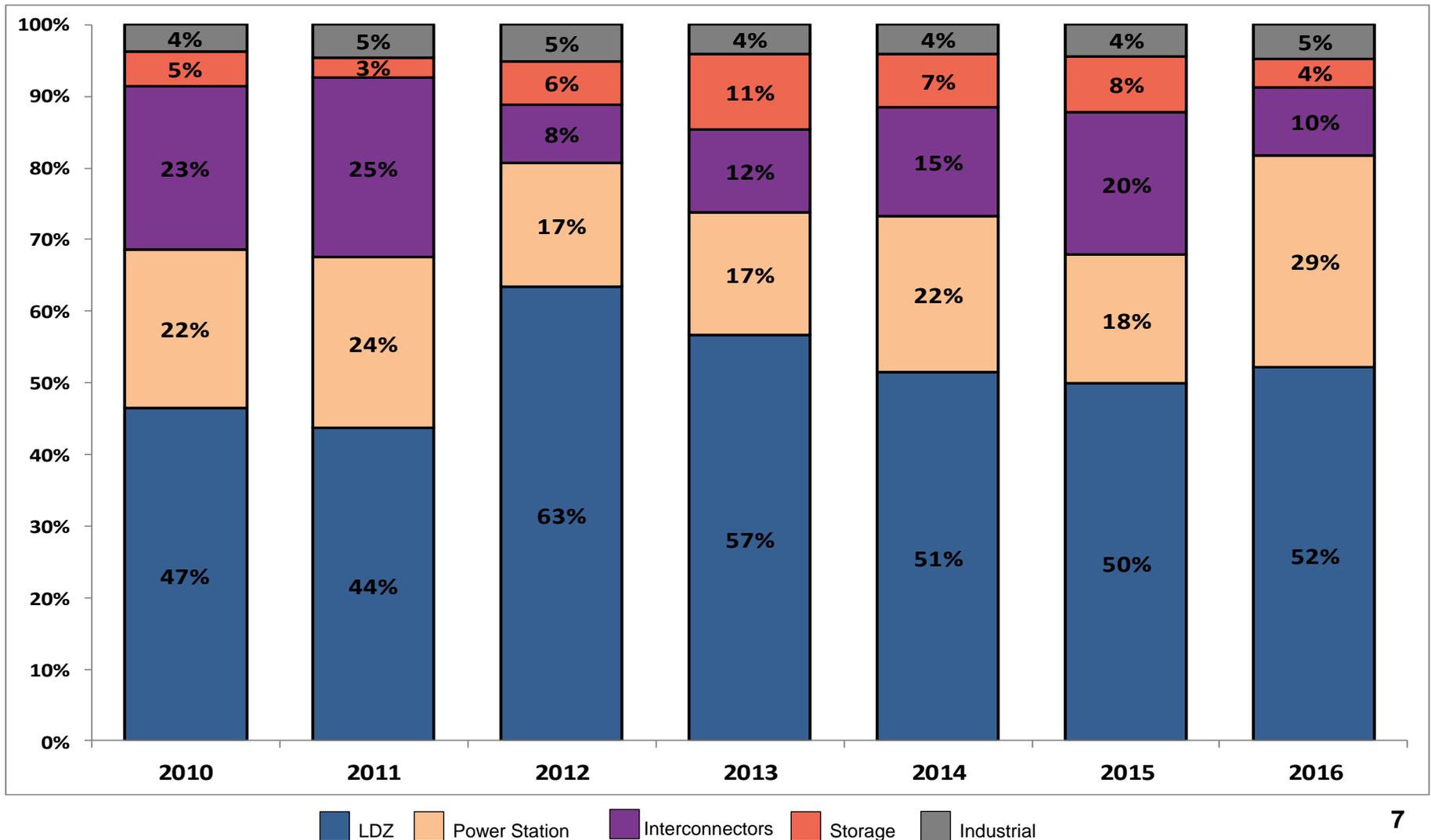
Gas Demand Breakdown

1st October 2015 to 31st October 2016 vs Previous Year



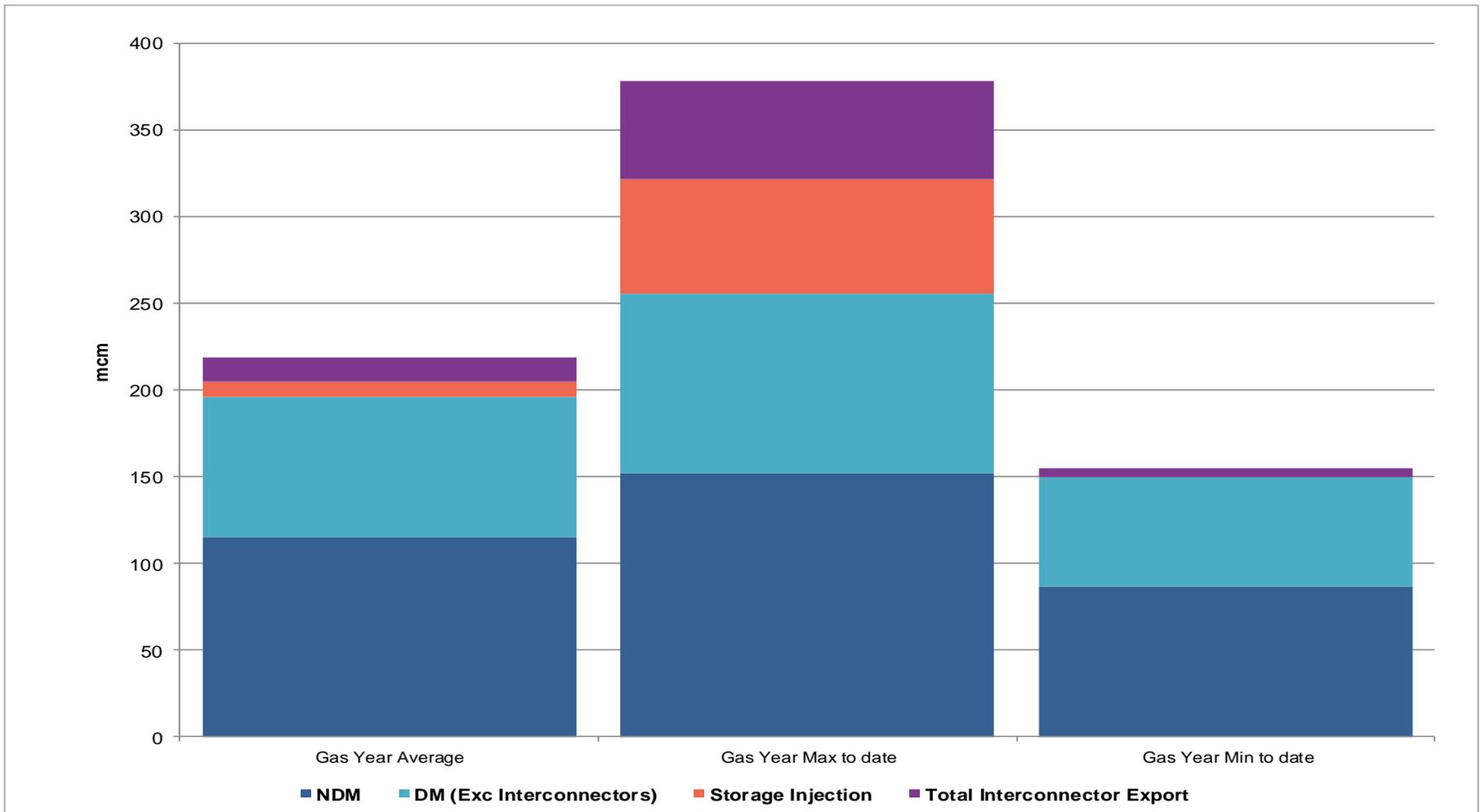
Gas Demand Breakdown

1st October to 31st October 2016 vs Same Period in Previous Years



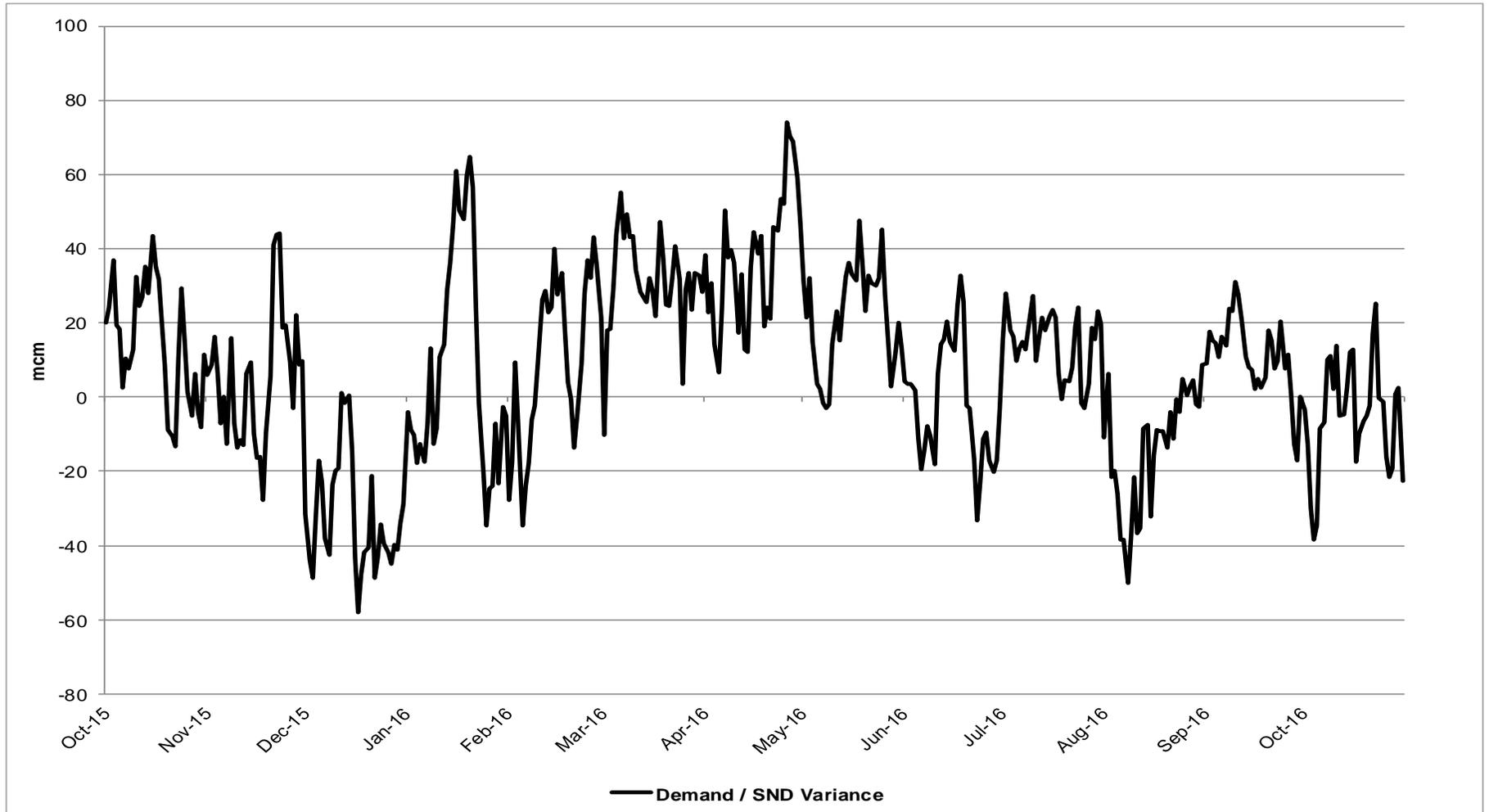
Gas Demand Statistics

1st October 2016 to 31st October 2016



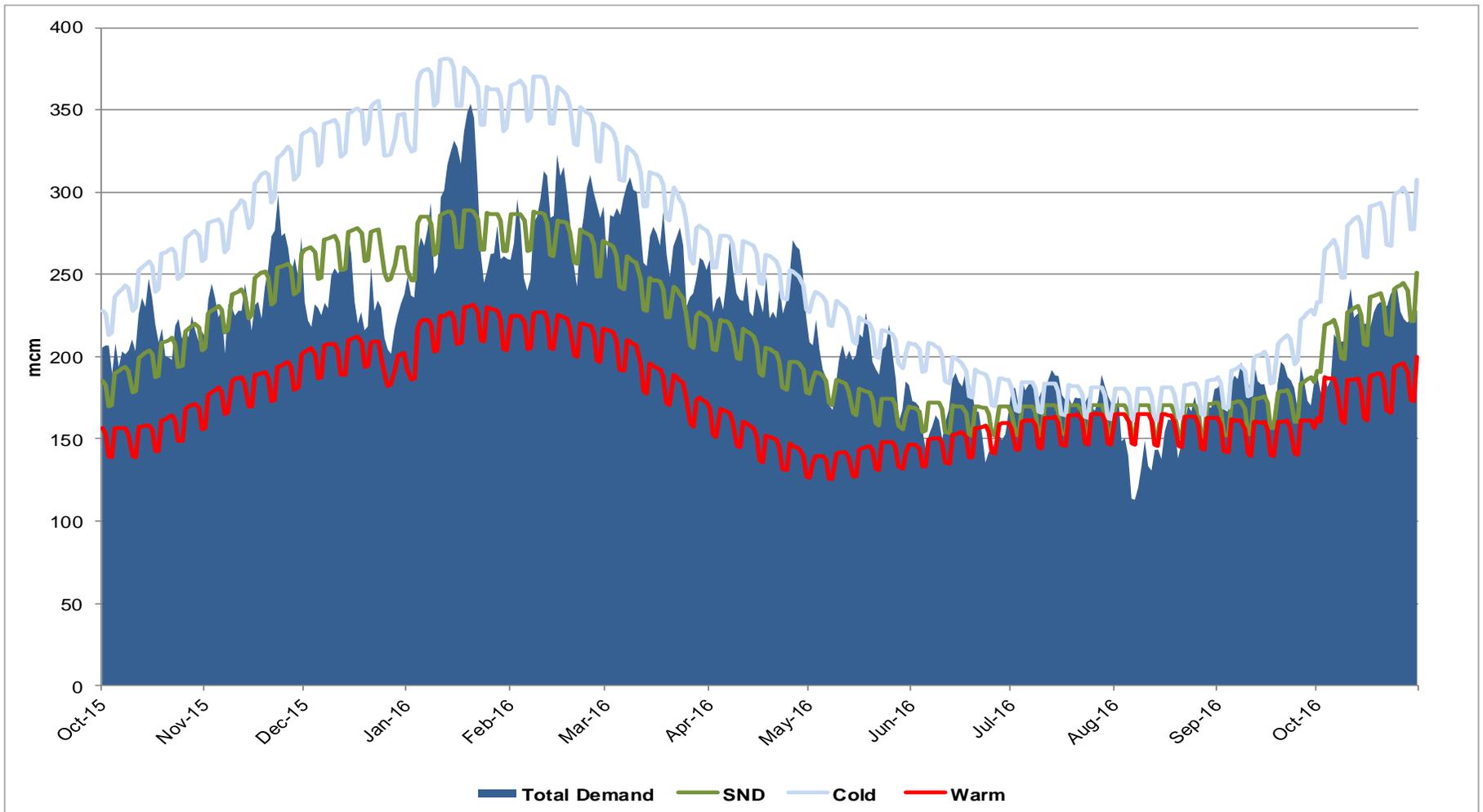
Demand Variance from SND

1st October 2015 to 31st October 2016



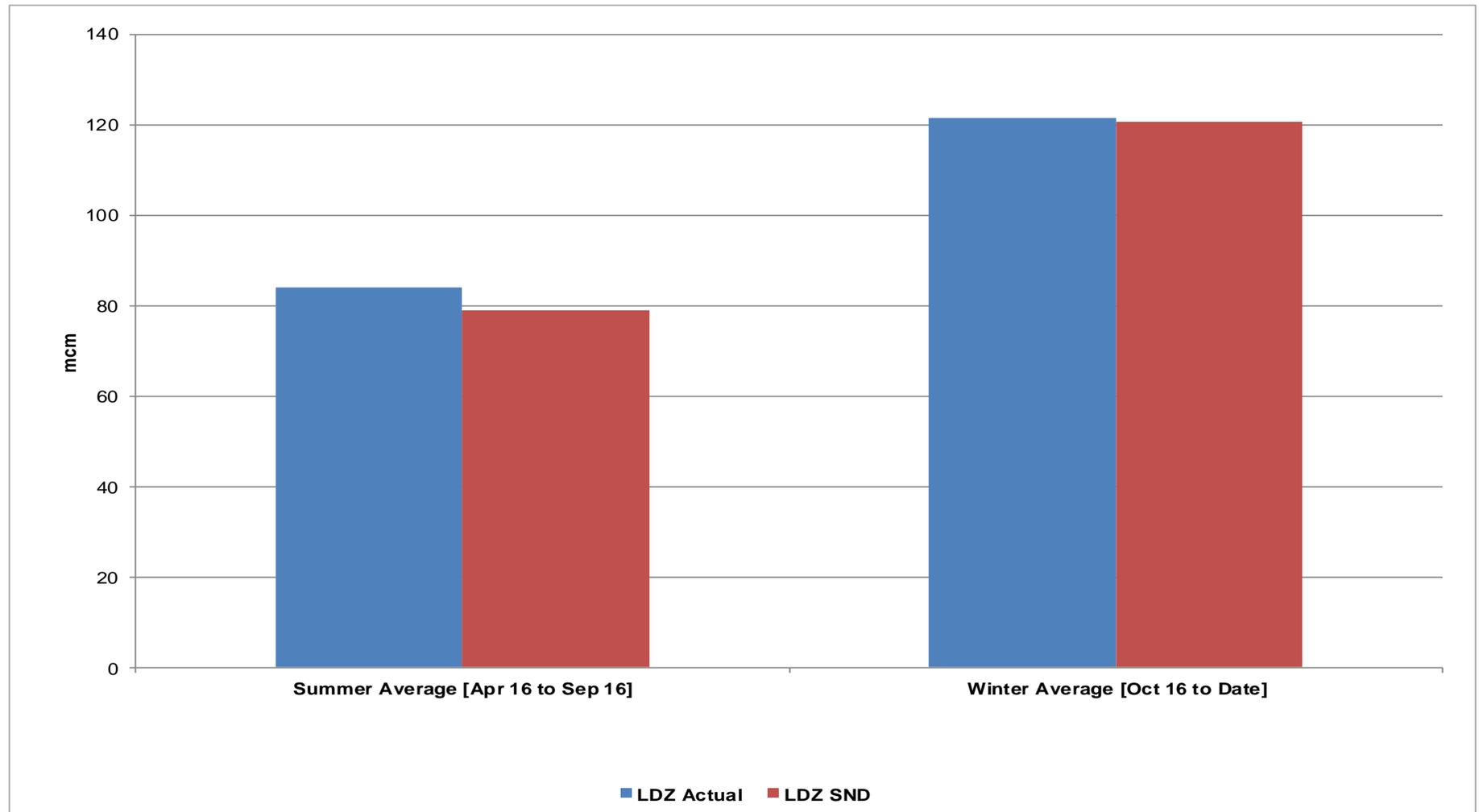
Gas Demand Vs SND / Cold / Warm

1st October 2015 to 31st October 2016



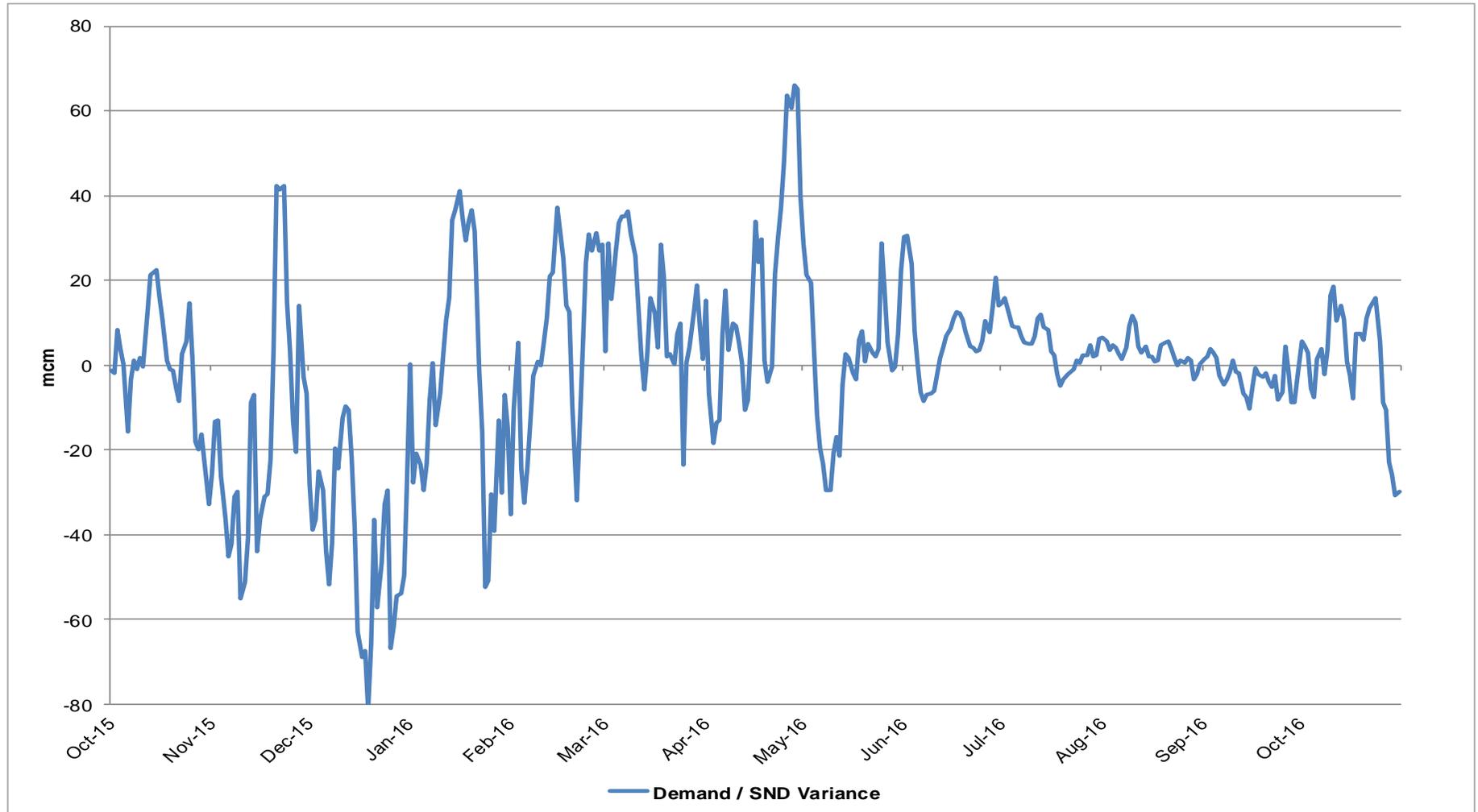
LDZ Actual Demand Vs LDZ SND

1st April 2016 to 31st October 2016



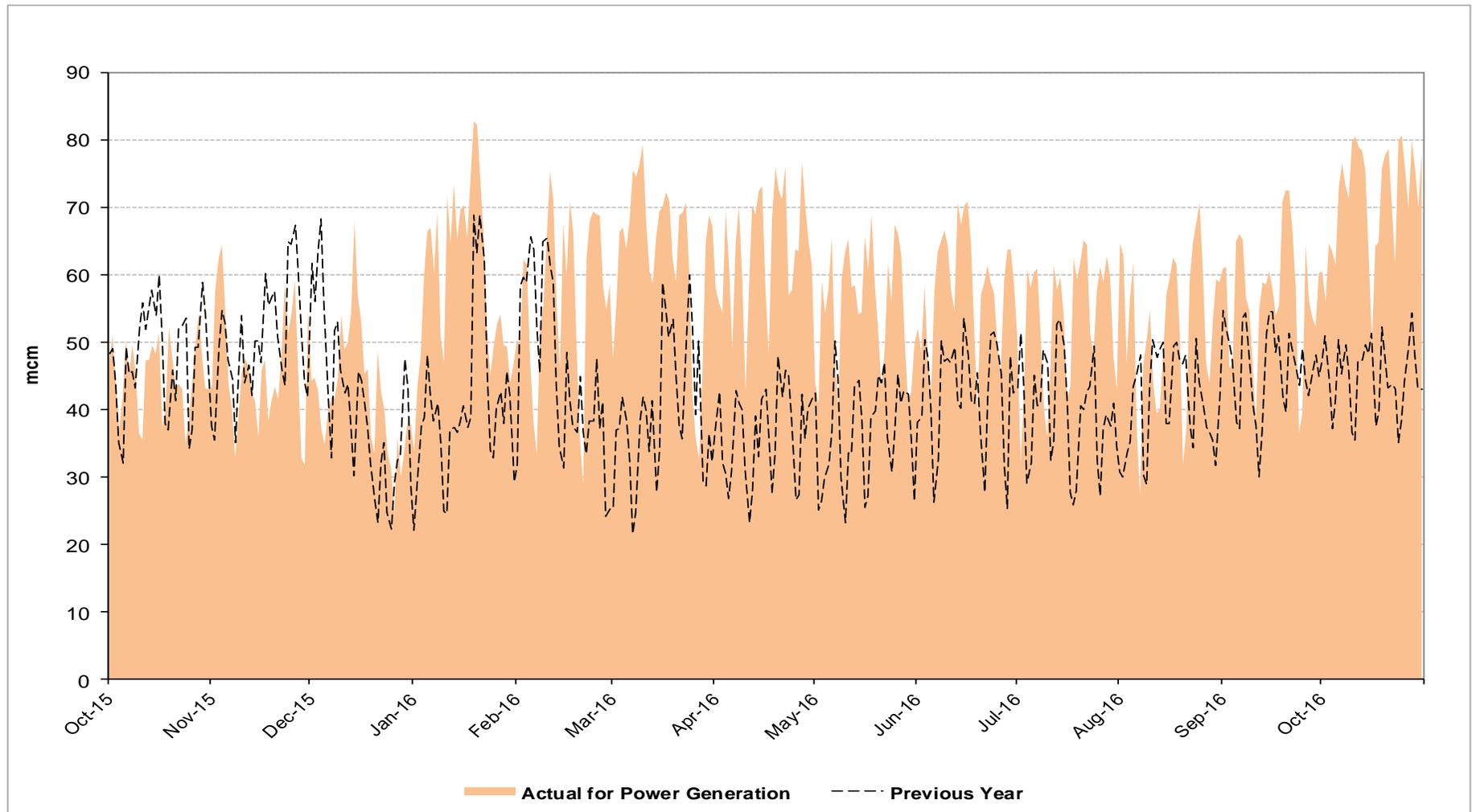
LDZ Demand / LDZ SND Variance

1st October 2015 to 31st October 2016



Gas Consumption for Power Generation

1st October 2015 to 31st October 2016

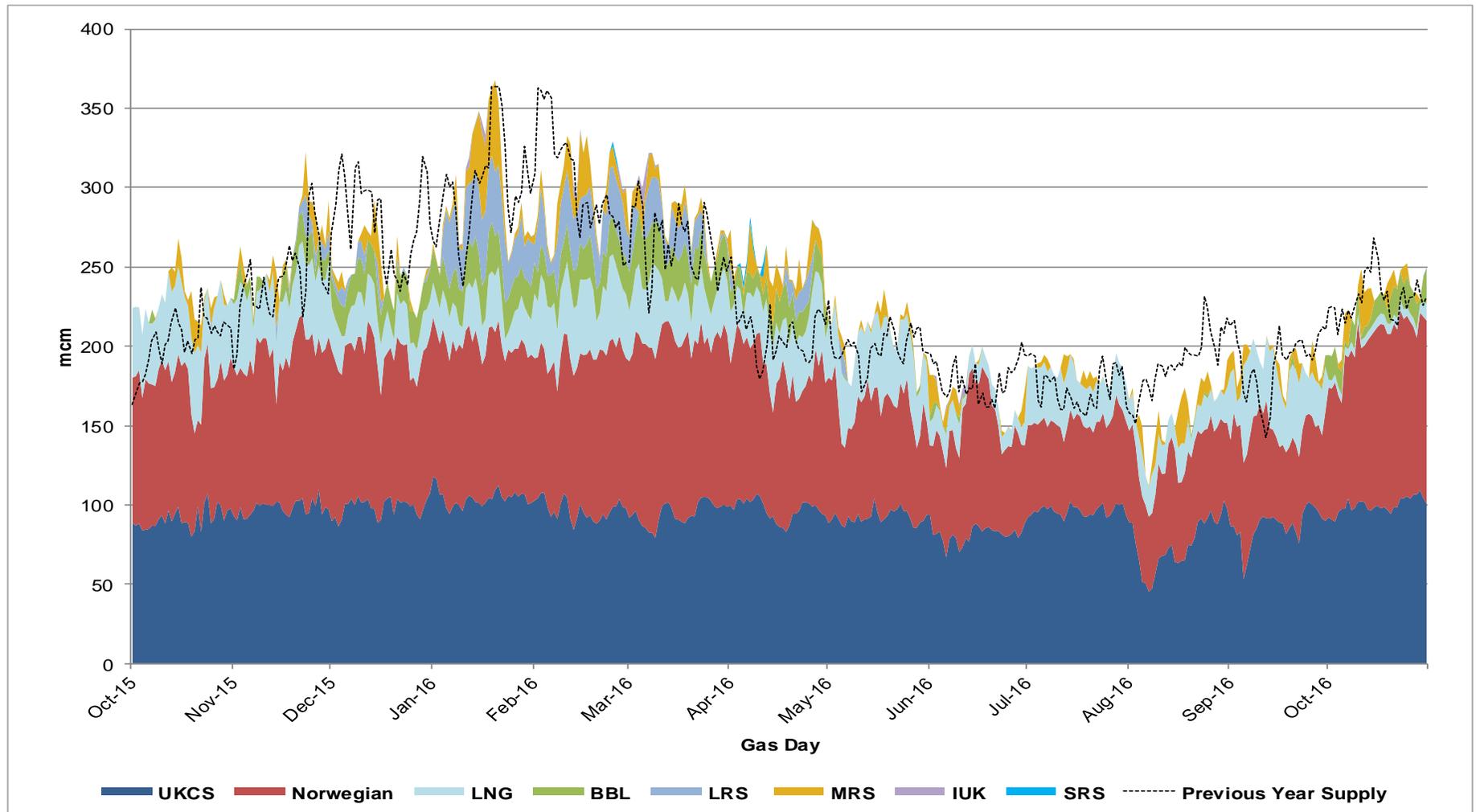


Supplies



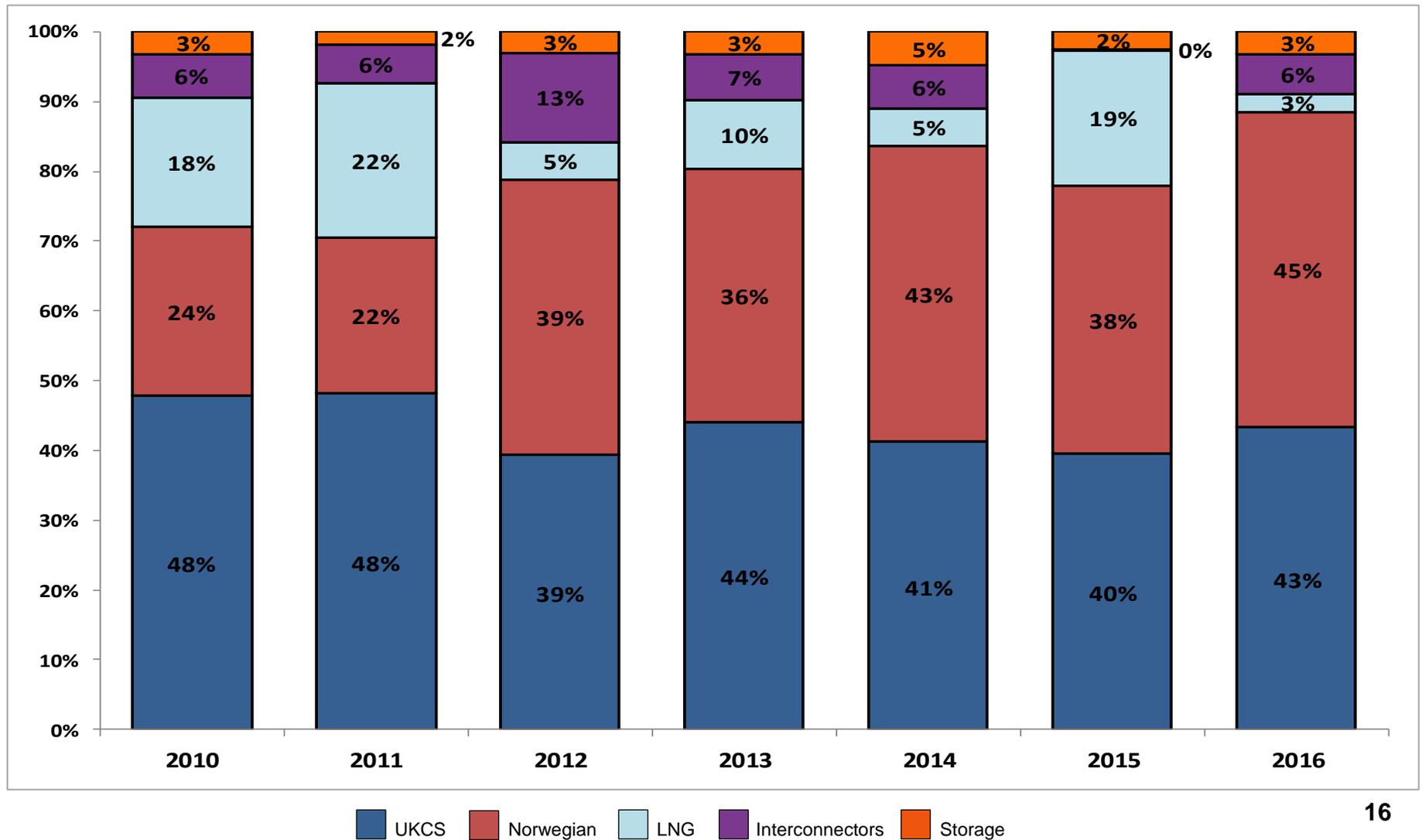
Gas Supply Breakdown

1st October 2015 to 31st October 2016 vs Previous Year



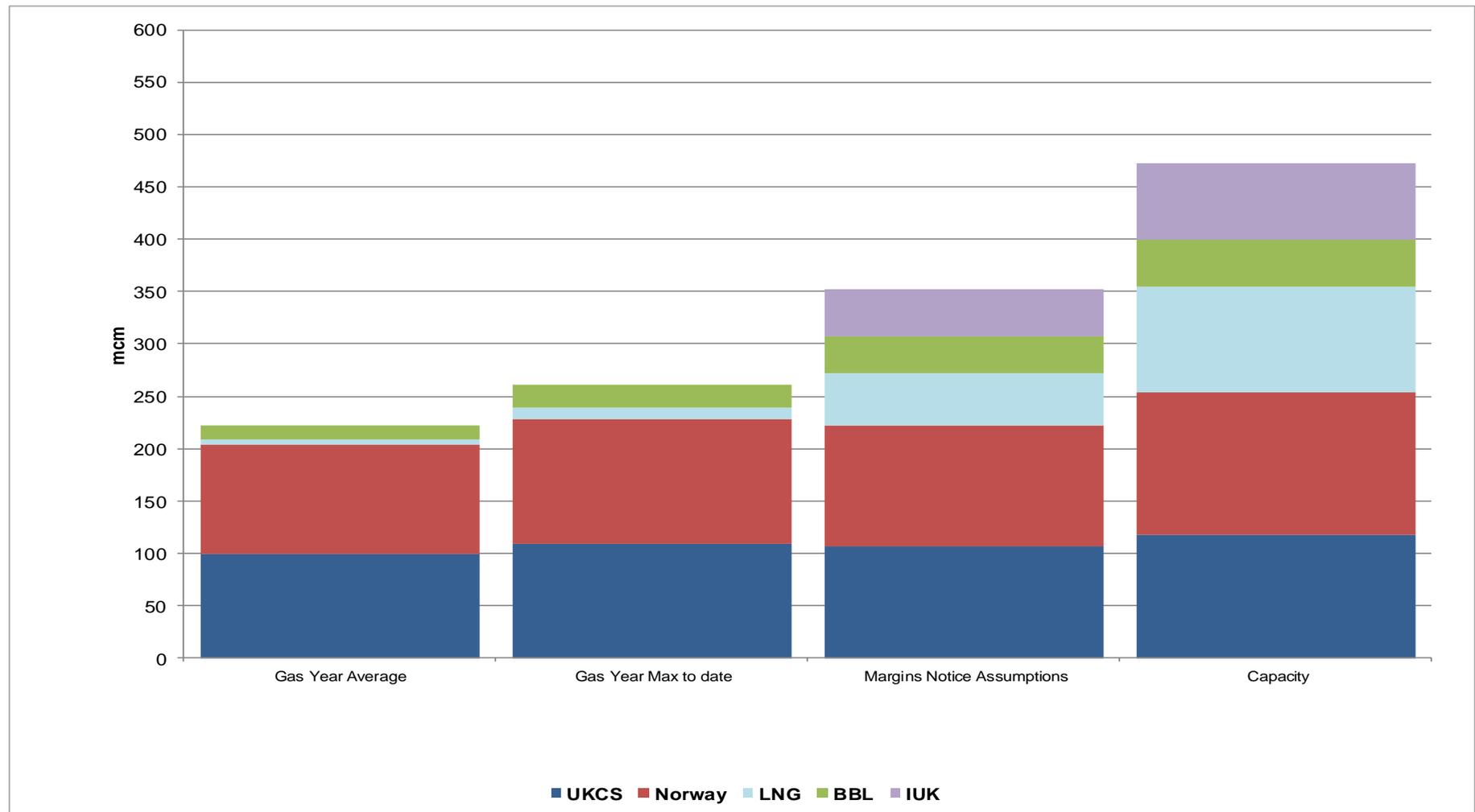
Gas Supply Breakdown

1st October 2016 to 31st October 2016 vs Same Period in Previous Years



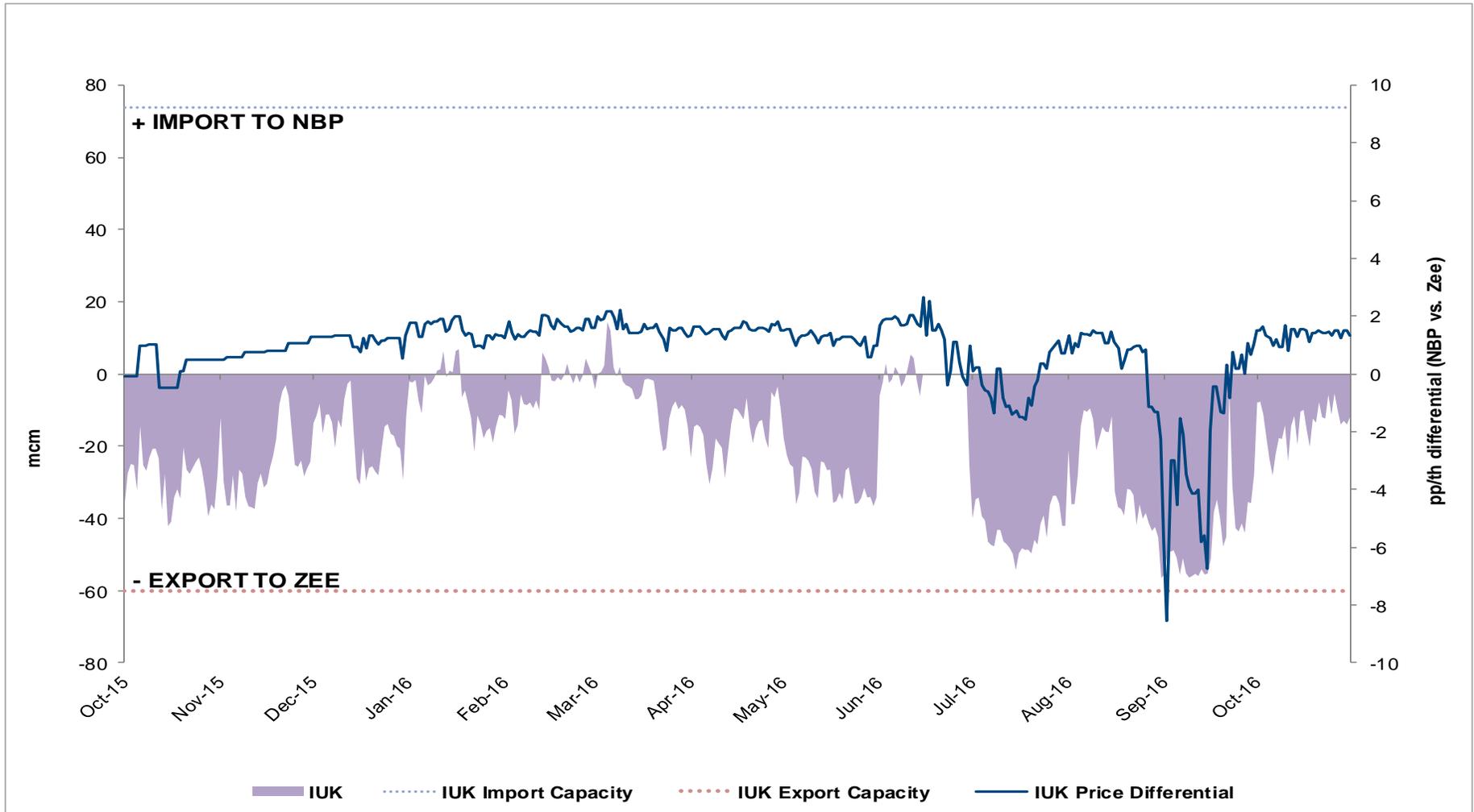
NSS (Non Storage Supply)

1st October 2016 to 31st October 2016



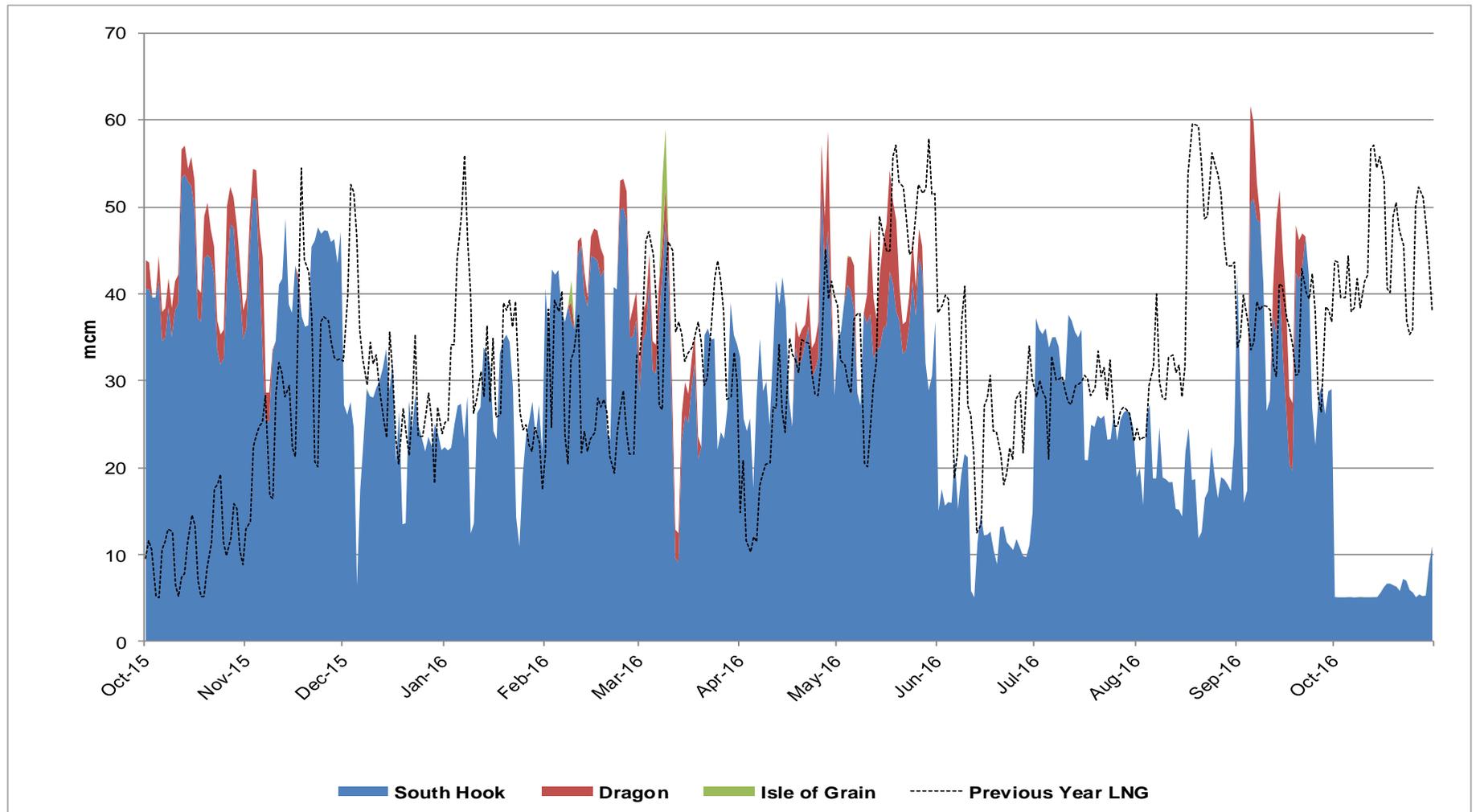
IUK Flows vs NBP & ZEE Price Differential

1st October 2015 to 31st October 2016



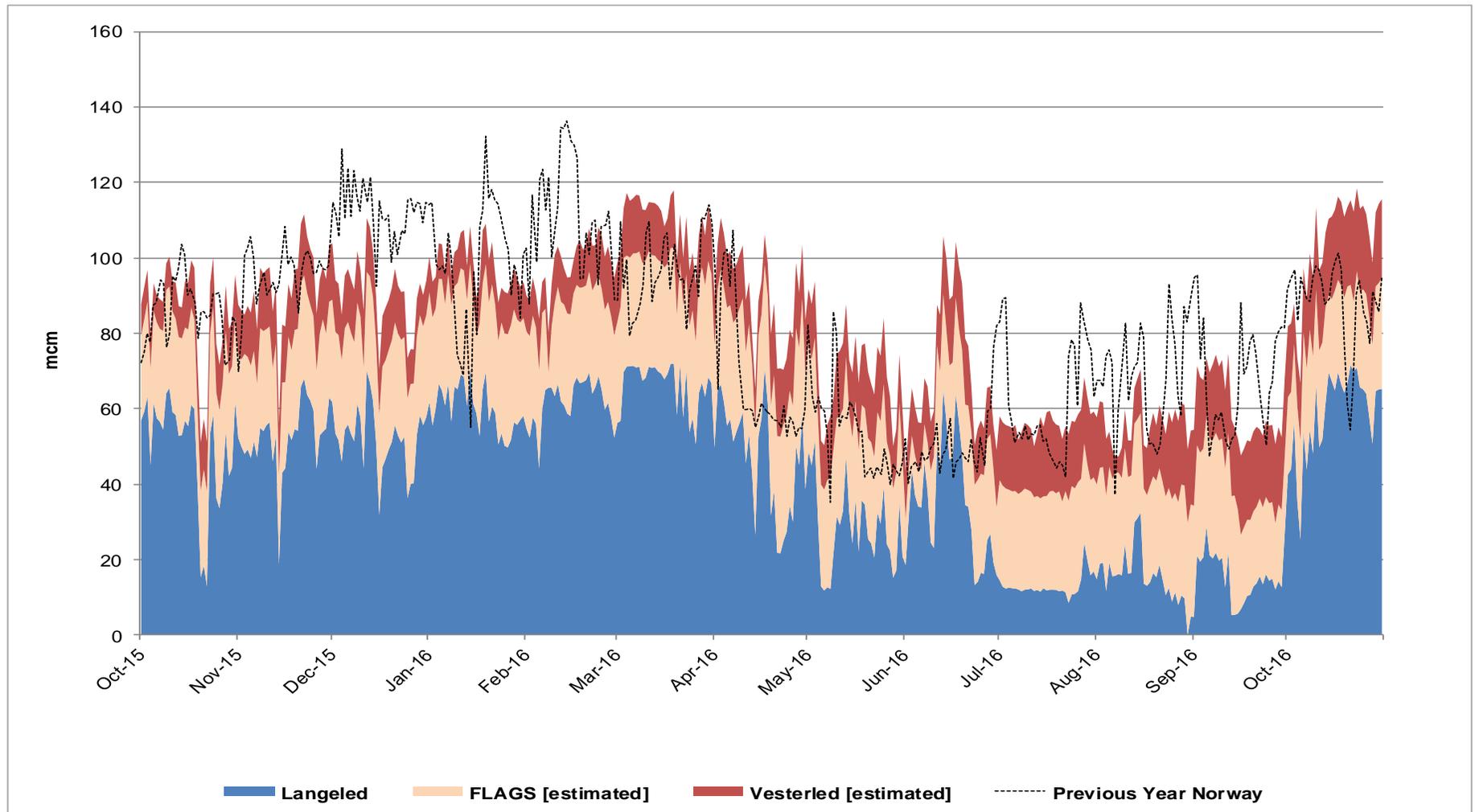
LNG Terminal Flows

1st October 2015 to 31st October 2016



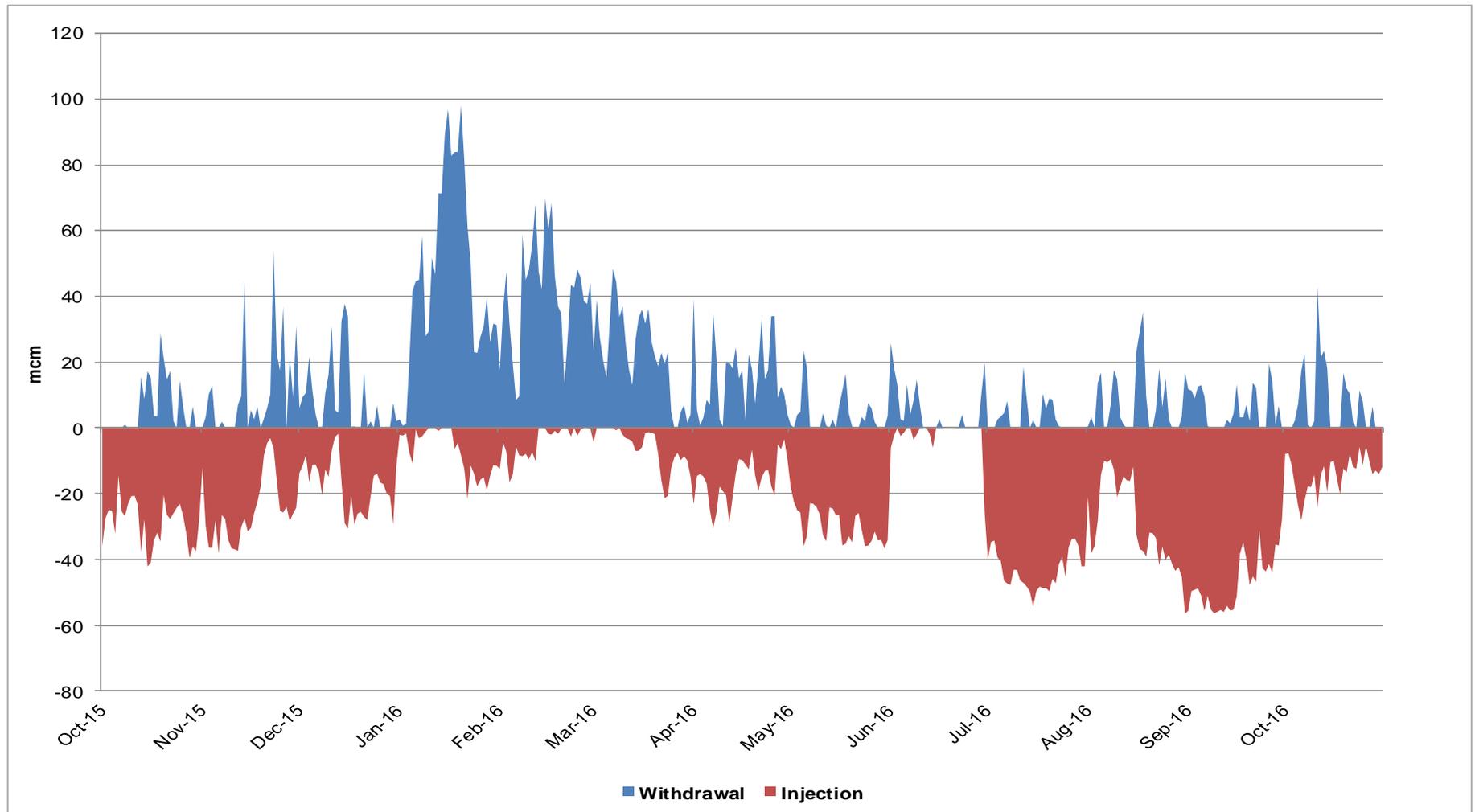
Norwegian Flows

1st October 2015 to 31st October 2016



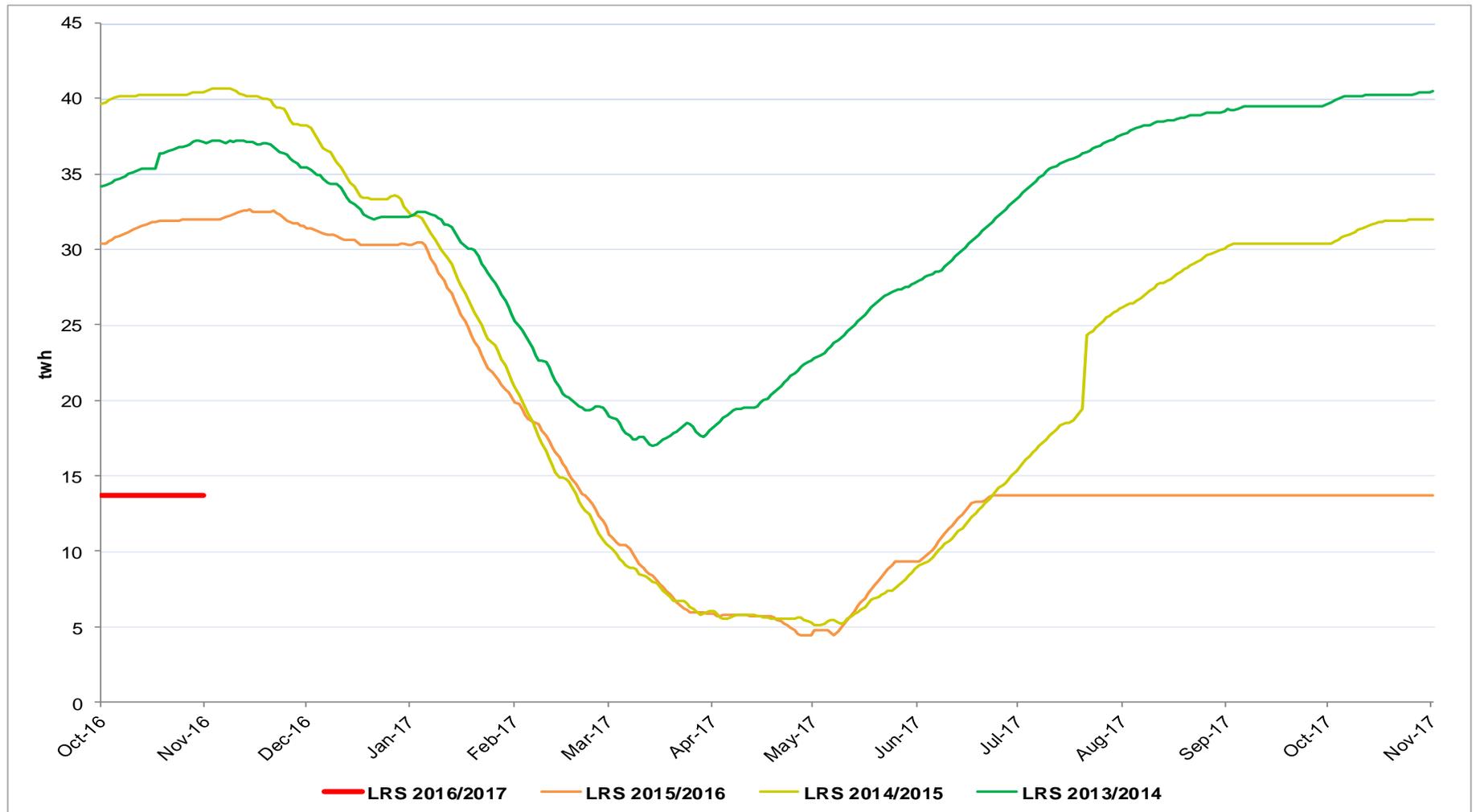
Storage Withdrawal vs Injection

1st October 2015 to 31st October 2016



Long Range Storage Stocks (LRS)

1st October 2016 to 31st October 2016 vs Previous Years



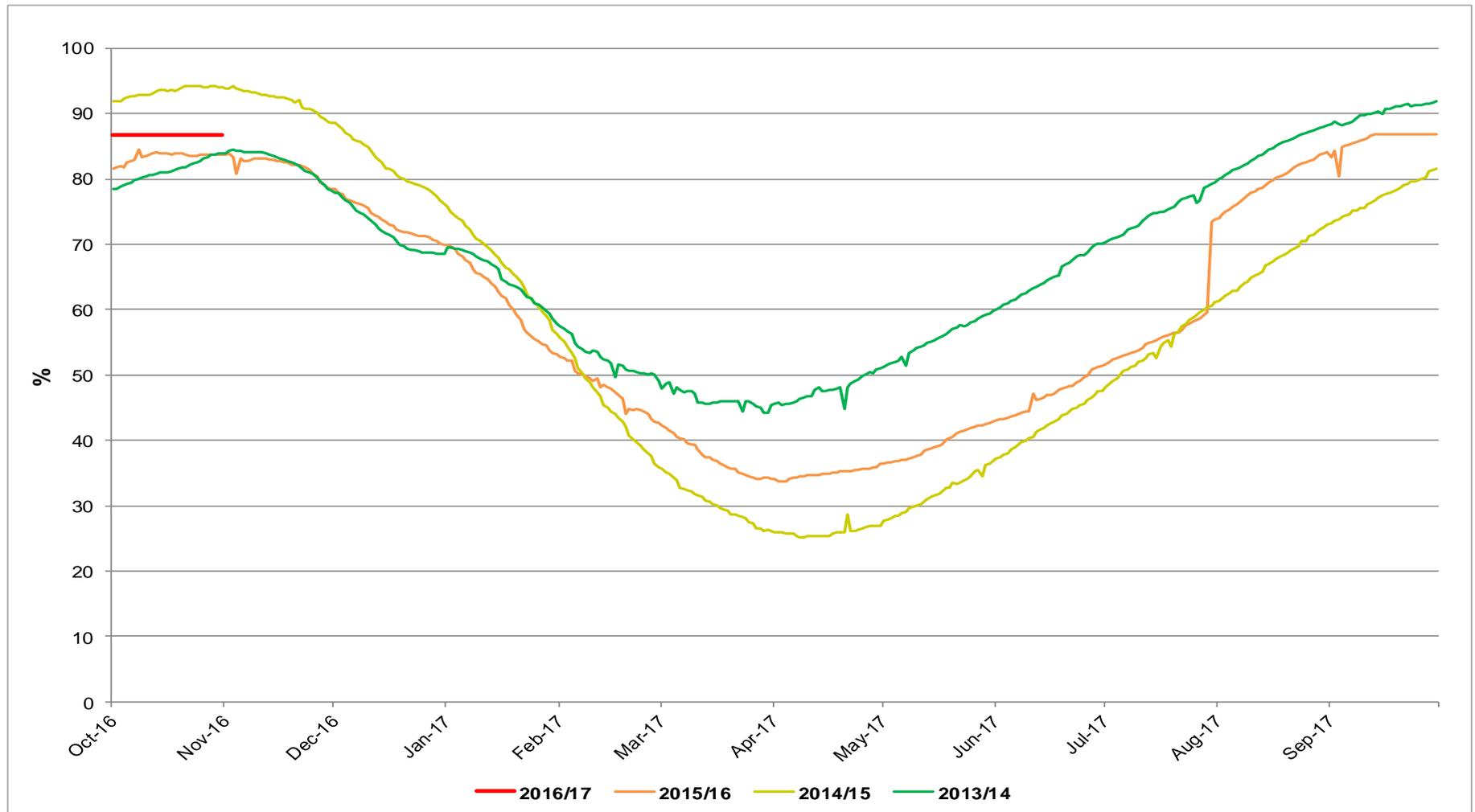
Medium Range Storage Stocks (MRS)

1st October 2016 to 31st October 2016 vs Previous Years



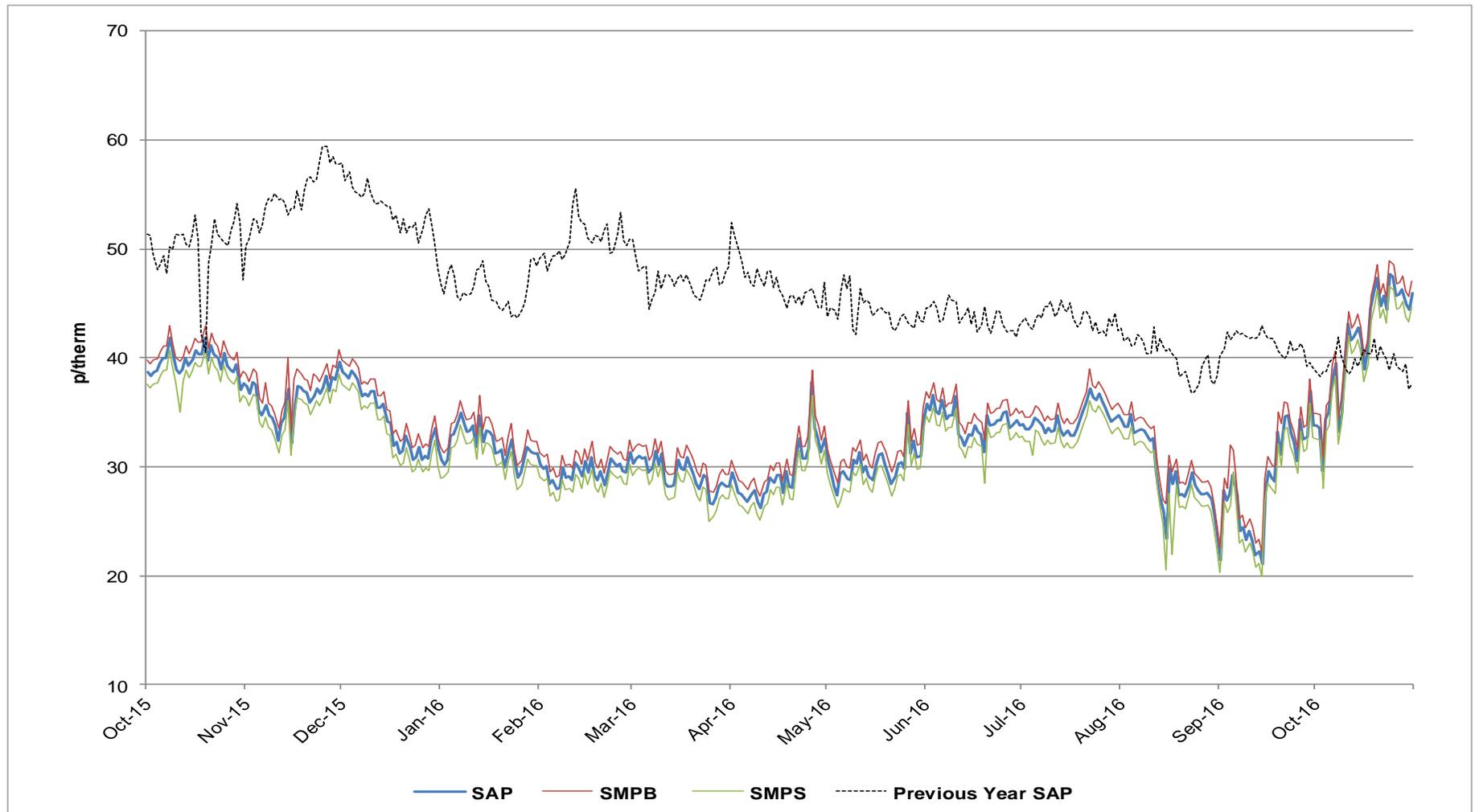
Combined EU Storage Stocks (% Full)

1st October 2016 to 31st October 2016 vs Previous Years



UK Gas Prices

1st October 2015 to 1st October 2016 vs Previous Year



What Operational Issues Affected Users?



Transporter Actions and Neutrality

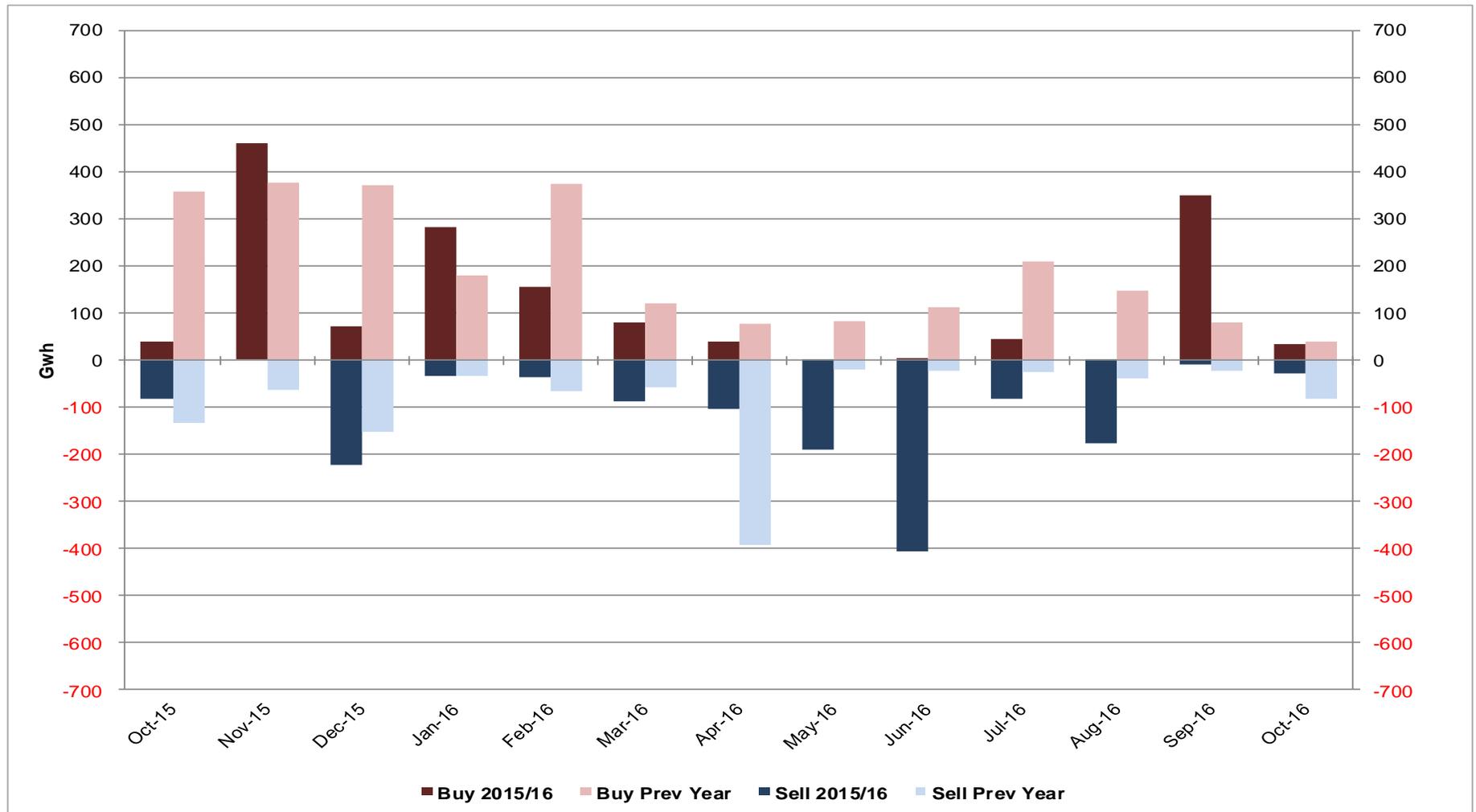


- Energy Balancing
- Capacity

Transporter Energy Traded on the OCM

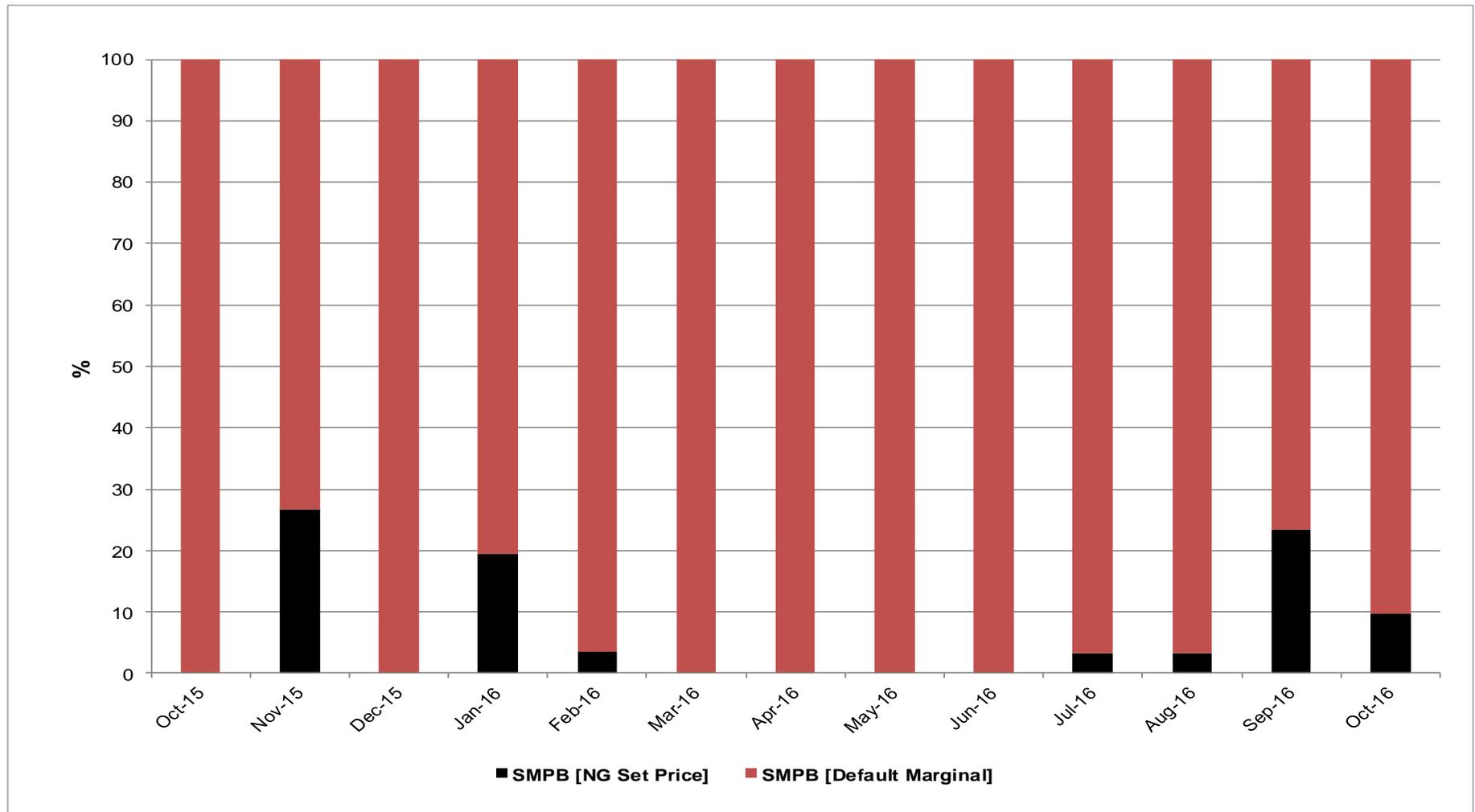
NGG Monthly Buys and Sells

October 2015 to October 2016 vs Previous Year



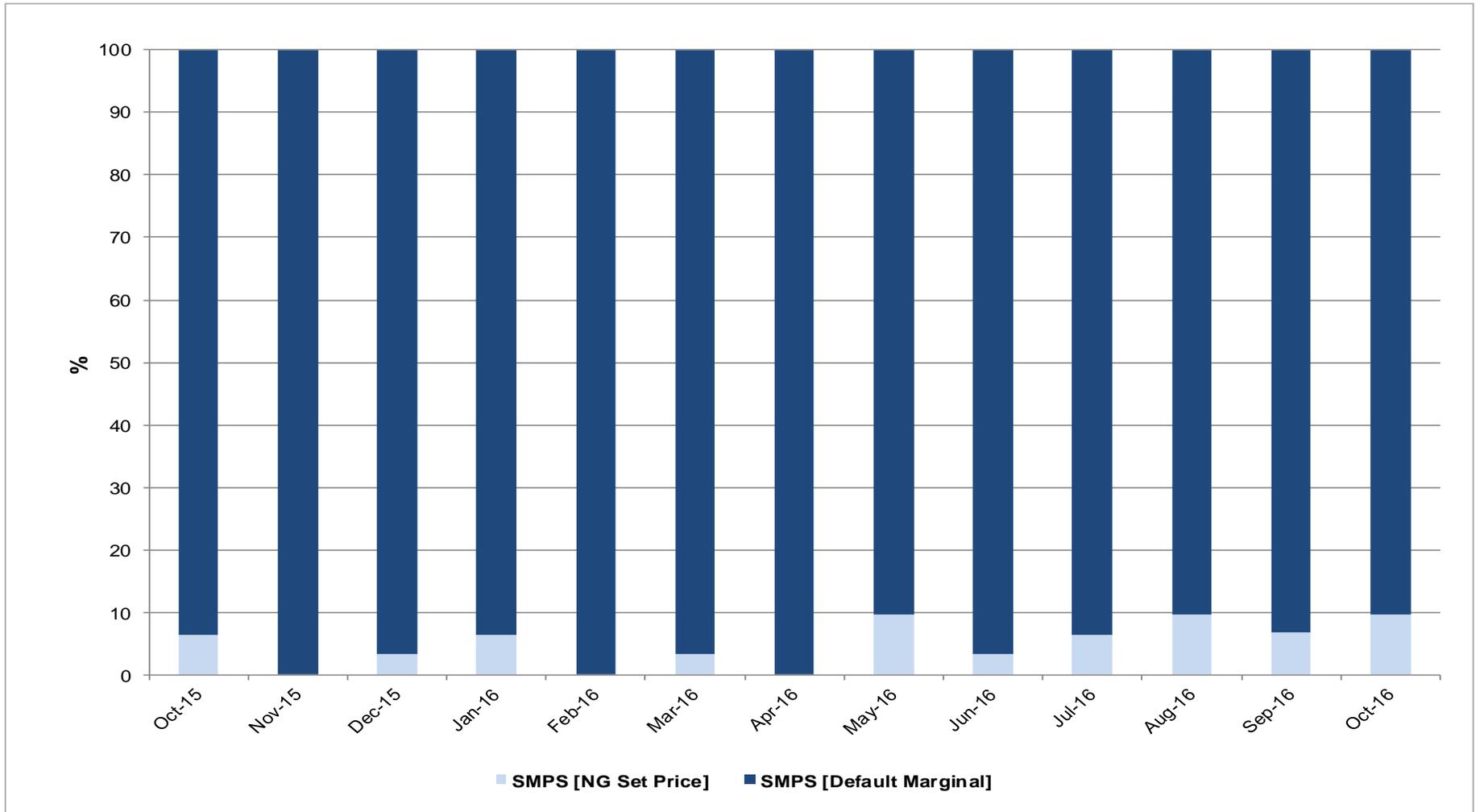
Days of Default SMP Prices (SMPB)

October 2015 to October 2016



Days of Default SMP Prices (SMPS)

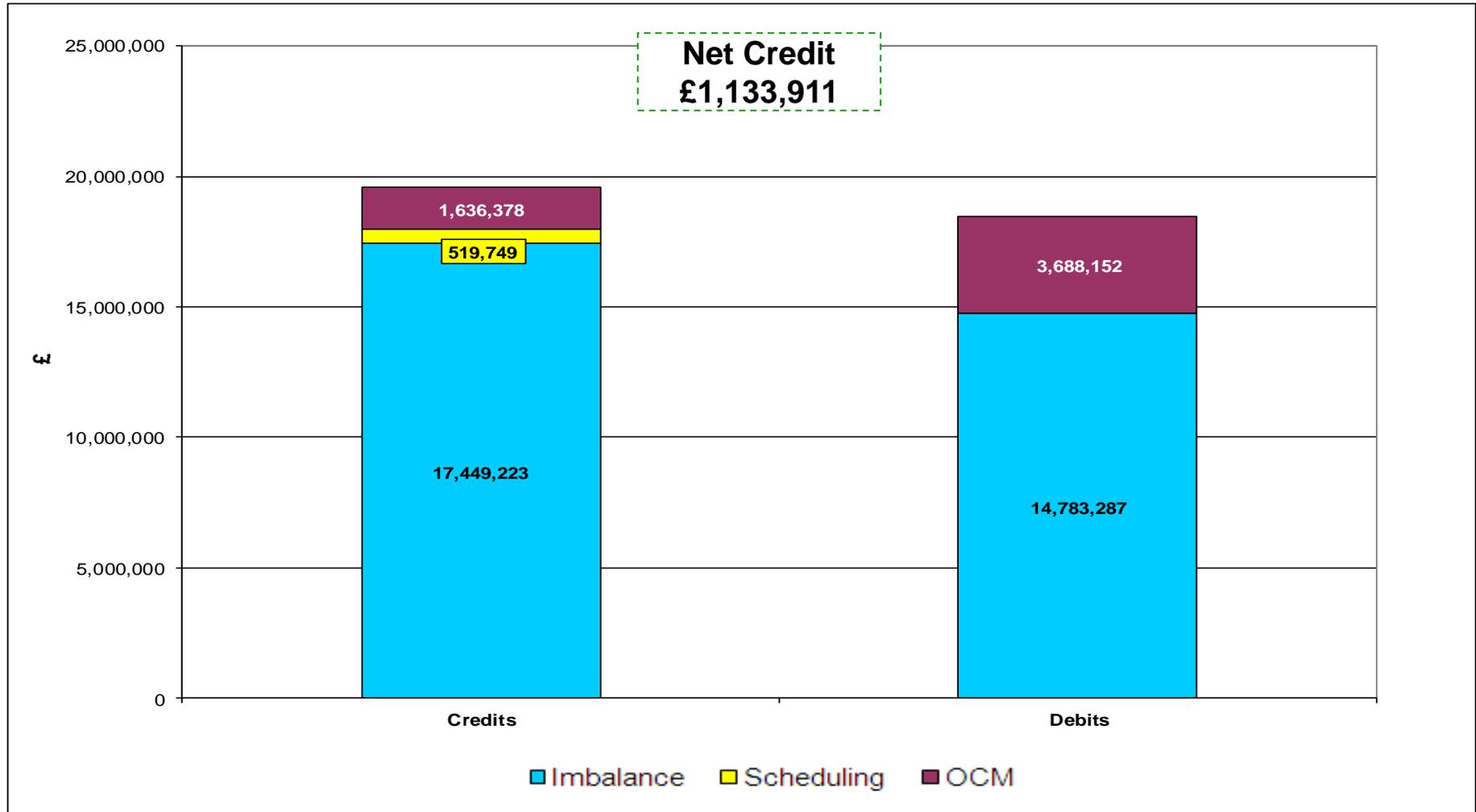
October 2015 to October 2016



Energy Balancing - Balancing Costs

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

Aug / Sep 2016



Energy Balancing - Balancing Costs

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

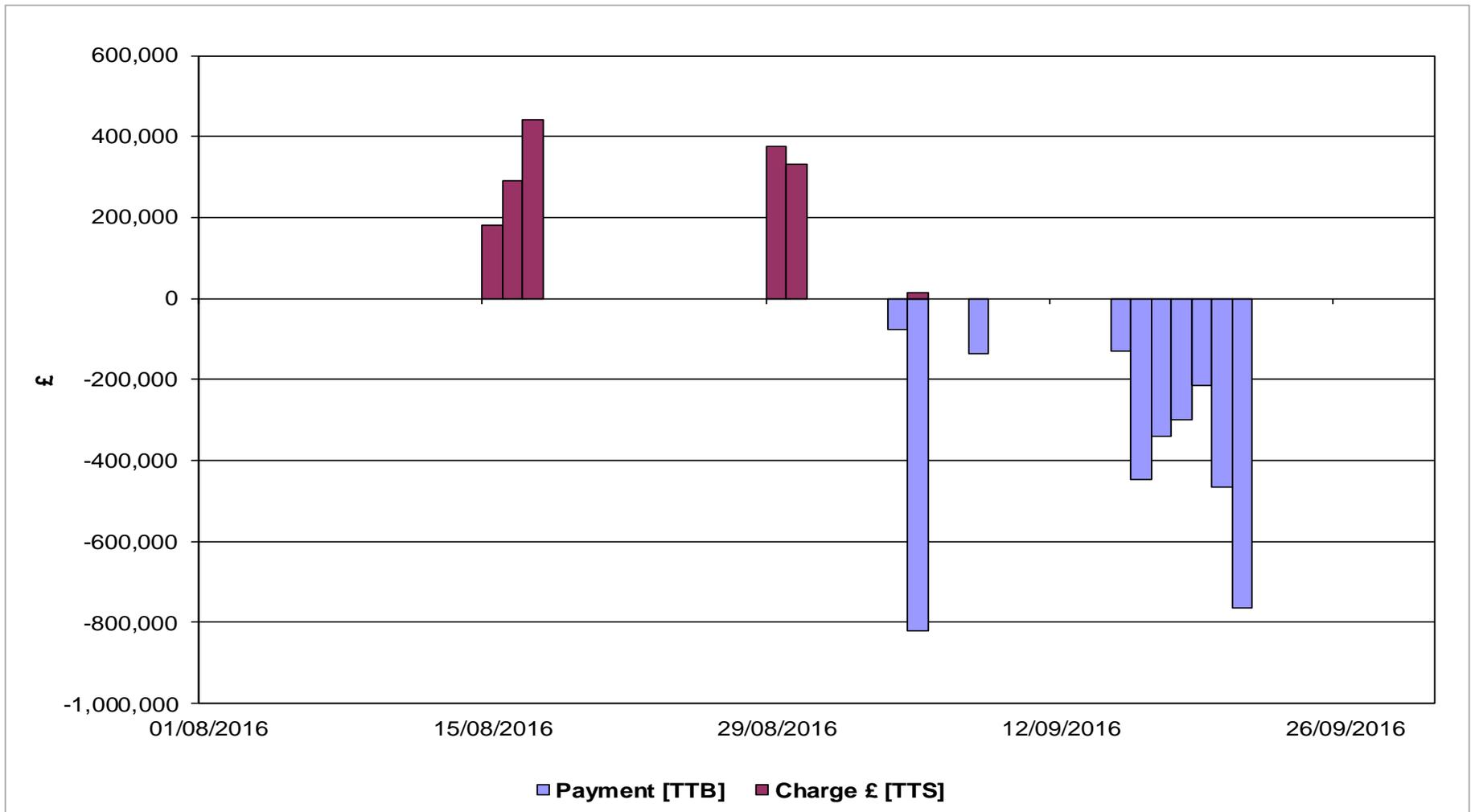
Aug / Sep 2016

		Aug-16	Sep-16
Imbalance	Payment £ [DCS]	-8,255,632	-6,527,655
	Charge £ [DCT]	7,631,959	9,817,263
Scheduling	Exit Charge £ [DXS]	6,968	5,824
	Exit Charge £ [EXS]	69,390	44,223
	Entry Charge £ [ESC]	195,908	197,437
OCM	Payment £ [TTB]	0	-3,688,152
	Charge £ [TTS]	1,622,129	14,249
Balancing Costs		1,270,721	-136,810

Energy Balancing - Balancing Costs

OCM Payments / Charges

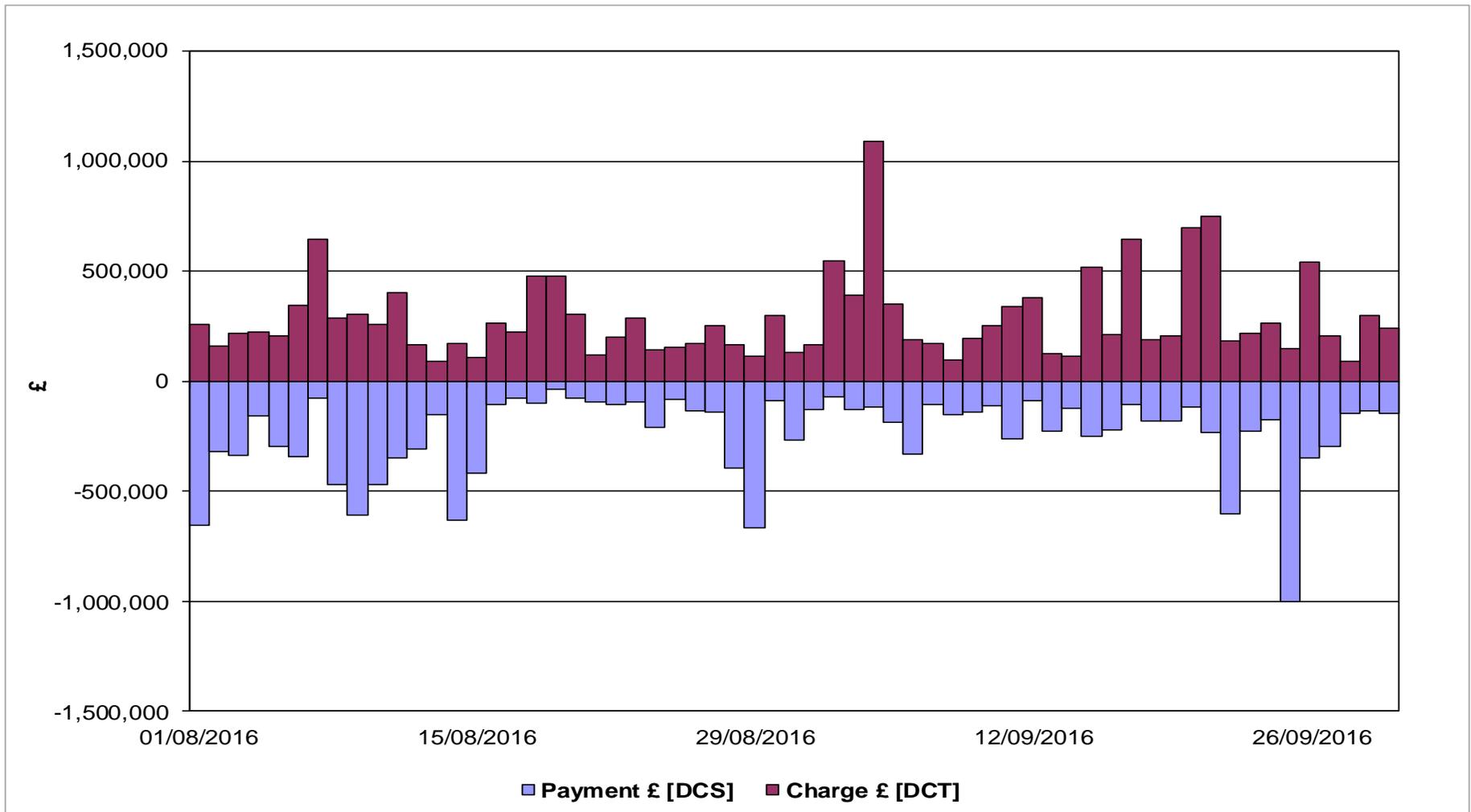
Aug / Sep 2016



Energy Balancing - Balancing Costs

Imbalance Payments / Charges

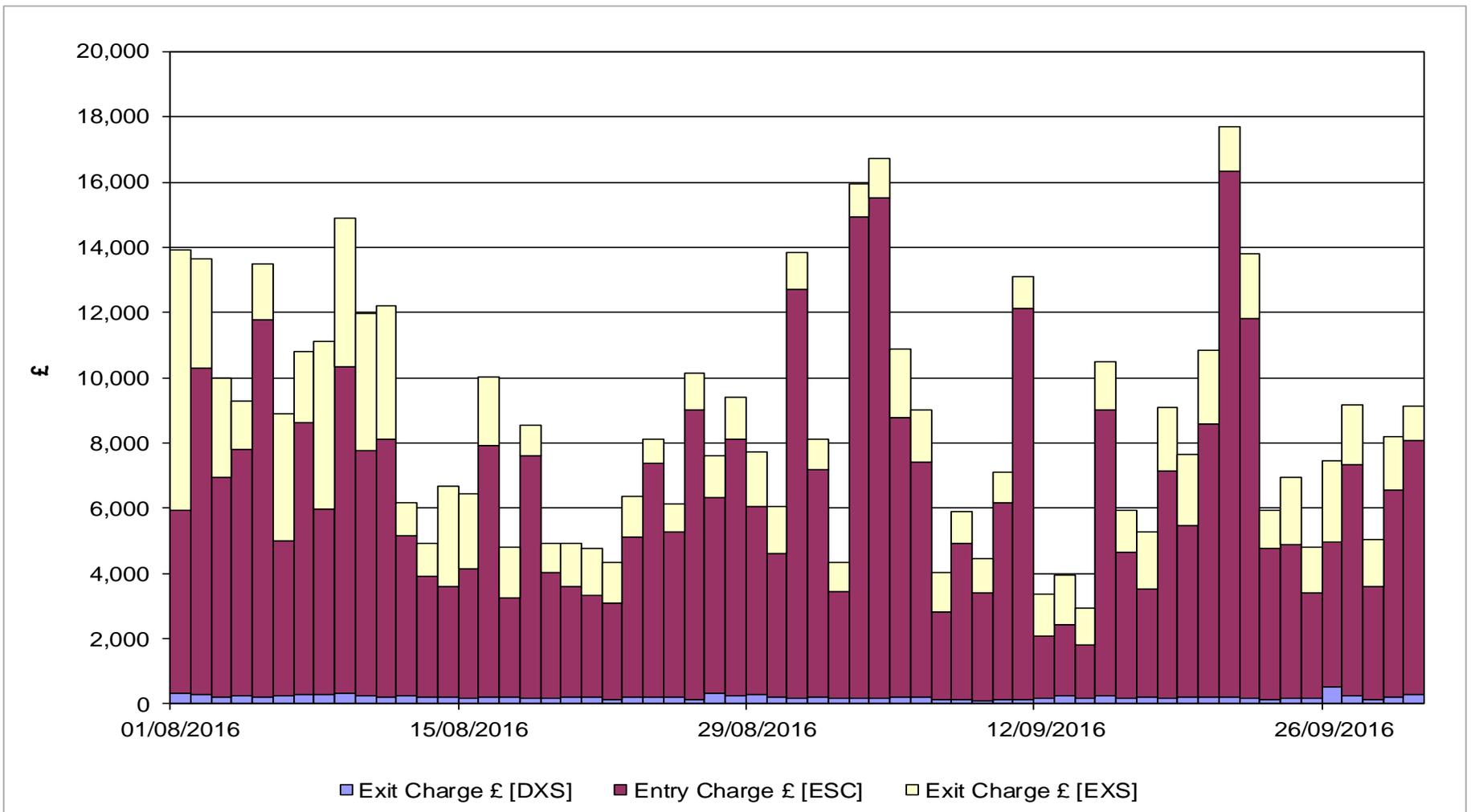
Aug / Sep 2016



Energy Balancing - Balancing Costs

Scheduling Charges

Aug / Sep 2016



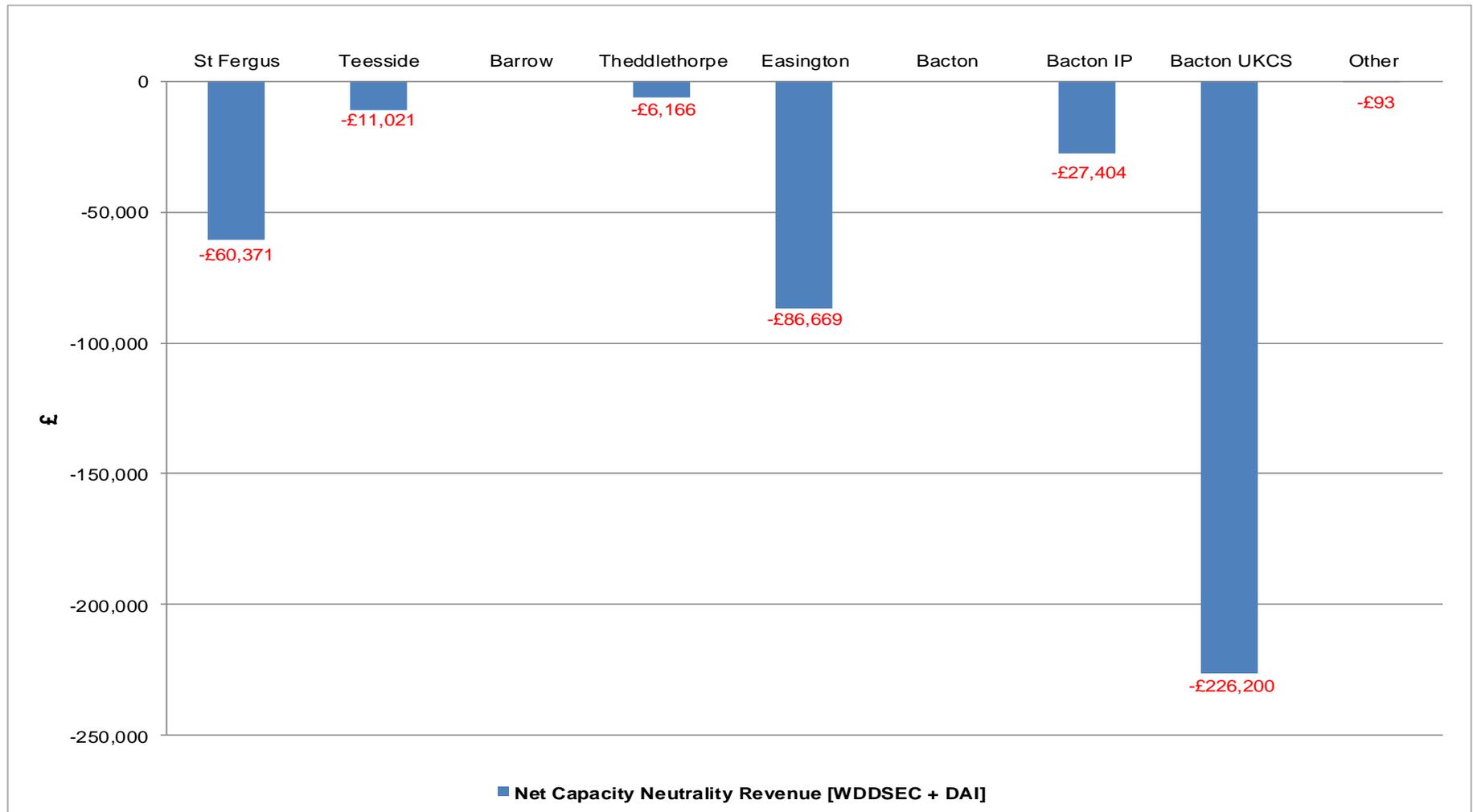
Capacity Neutrality Net Cost / Revenue

1st April 2016 to 31st October 2016

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£417,925
Total Entry Constraint Management Operational Costs	£0
Entry Capacity Overrun Revenue	-£559,975
Non-Obligated Sales Revenue (Entry only)	-£10,050
Revenue from Locational Sells and PRI Charges	-£14,249
Net Revenue	-£1,002,199

Net Capacity Neutrality Revenue

1st April 2016 to 31st October 2016



Capacity Neutrality

1st April 2016 to 31st October 2016

Month	Entry Cap Overrun Revenue	Non-obligated sales revenue (entry)	Month	Locational Sells and PRI charges revenue
Apr-16	-£110,246	-£148	Apr-16	£0
May-16	-£79,691	-£21	May-16	£0
Jun-16	-£193,290	-£188	Jun-16	£0
Jul-16	£-59,400	-£1,740	Jul-16	£0
Aug-16	-£78,428	-£32	Aug-16	£0
Sep-16	-£38,921	-£495	Sep-16	-£14,249
Oct-16	£0	-£7,426	Oct-16	£0
Nov-16			Nov-16	
Dec-16			Dec-16	
Jan-17			Jan-17	
Feb-17			Feb-17	
Mar-17			Mar-17	
Total	-£559,975 (FY16-17)	-£10,050 (FY16-17)	Total	£0 (FY16/17)