

Operational Forum Meeting



26th April 2018, 9:30AM

Radisson Grafton Hotel, 130 Tottenham Court Road, London.

System Management Principles Statement



- **Summary of balancing actions and breaches for April 2018 and May 2018**
- **Performance compared to last year**

Summary Report

1st February 2018 to 31st March 2018

YEAR TO DATE PERCENTAGES AGAINST BUYS AND SELLS FOR APR - MAY (2017 - 2018)

Apr-17			Apr-18		
No. of Balancing Actions YTD	55	Percentage	No. of Balancing Actions YTD	108	Percentage
Buys	21	38%	Buys	48	44%
Sells	34	62%	Sells	60	56%

May-17			May-18		
No. of Balancing Actions YTD	59	Percentage	No. of Balancing Actions YTD	124	Percentage
Buys	23	39%	Buys	52	42%
Sells	36	61%	Sells	72	58%

Operational Overview

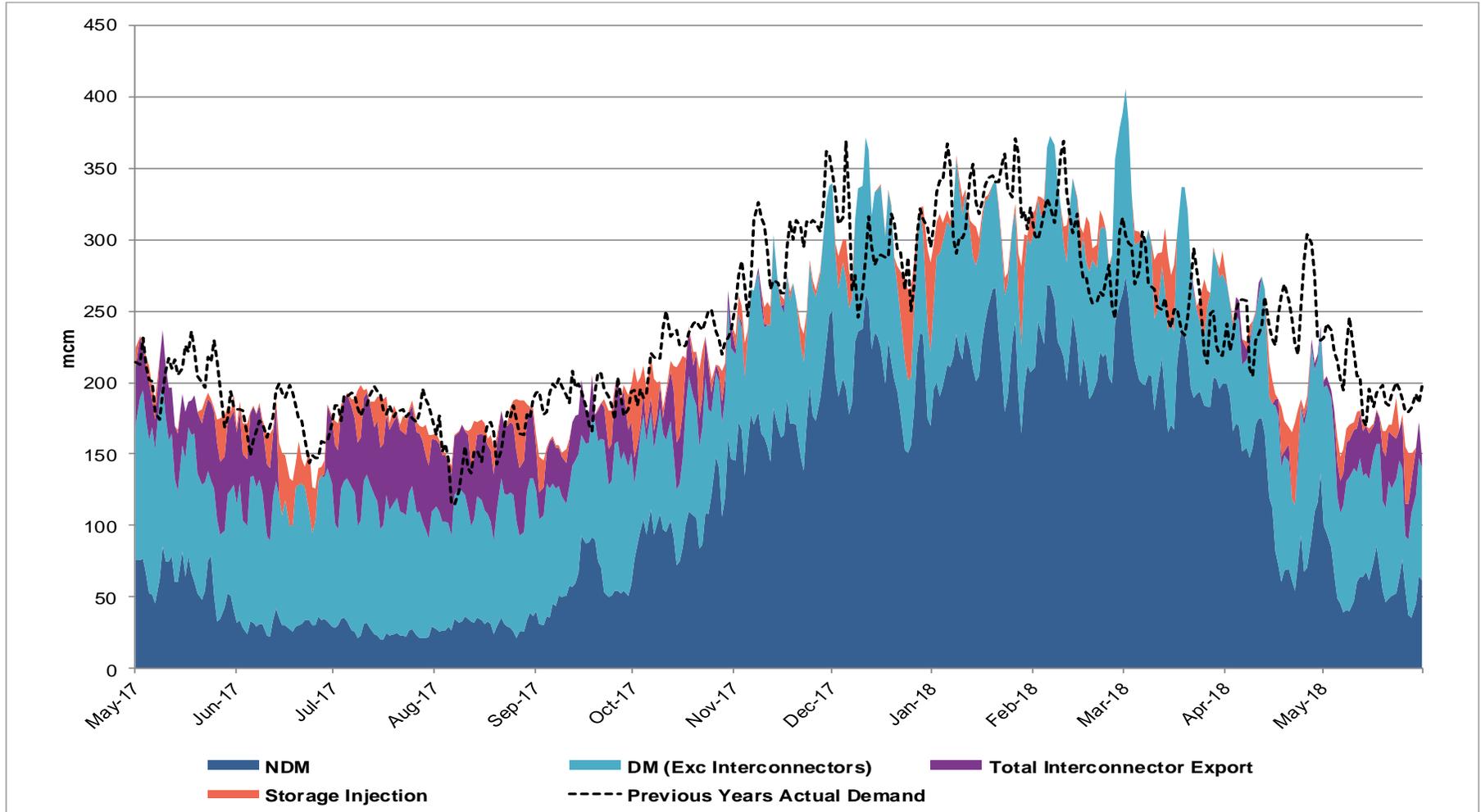


Demands



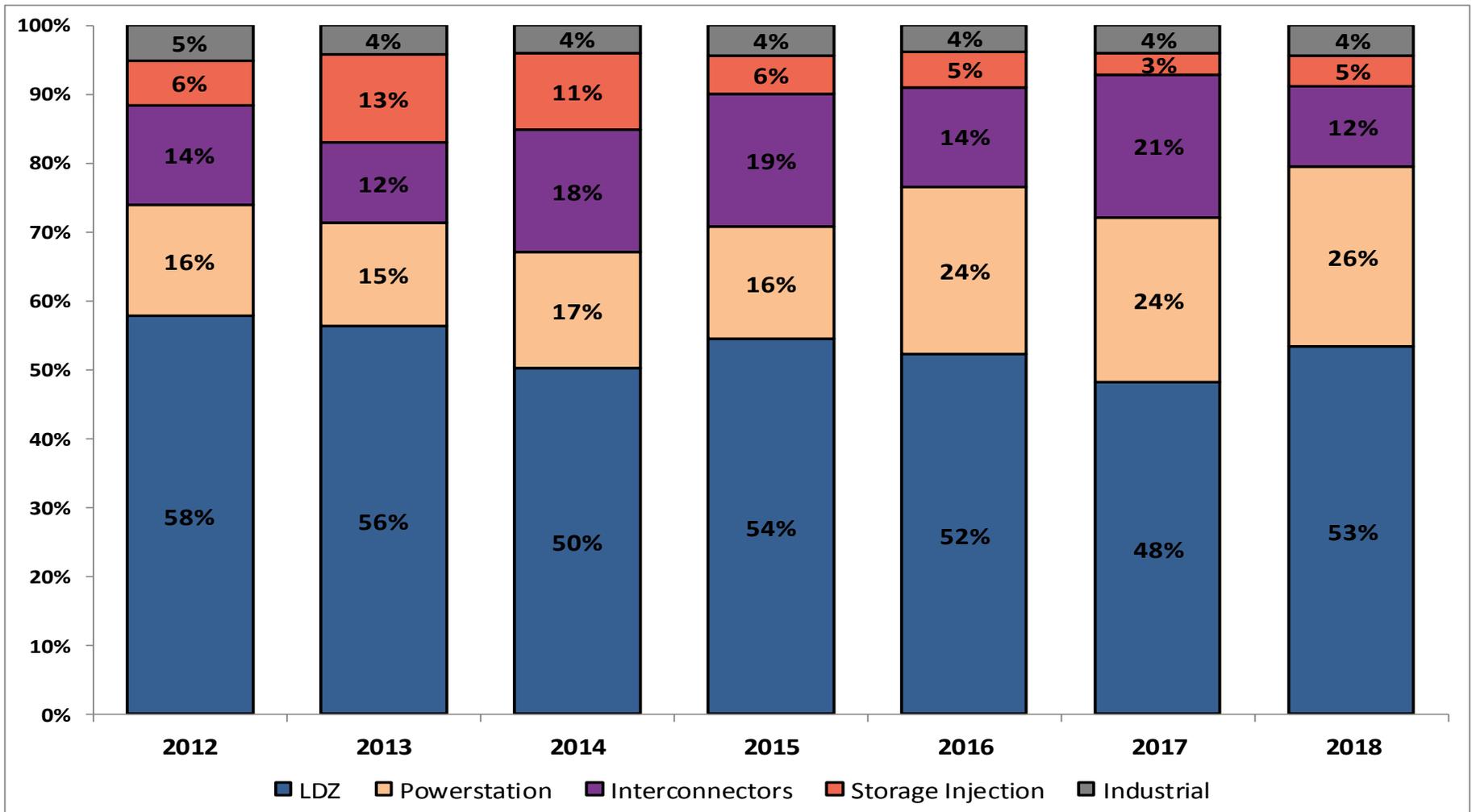
Gas Demand Breakdown

1st May 2017 to 31st May 2018 vs Previous Year



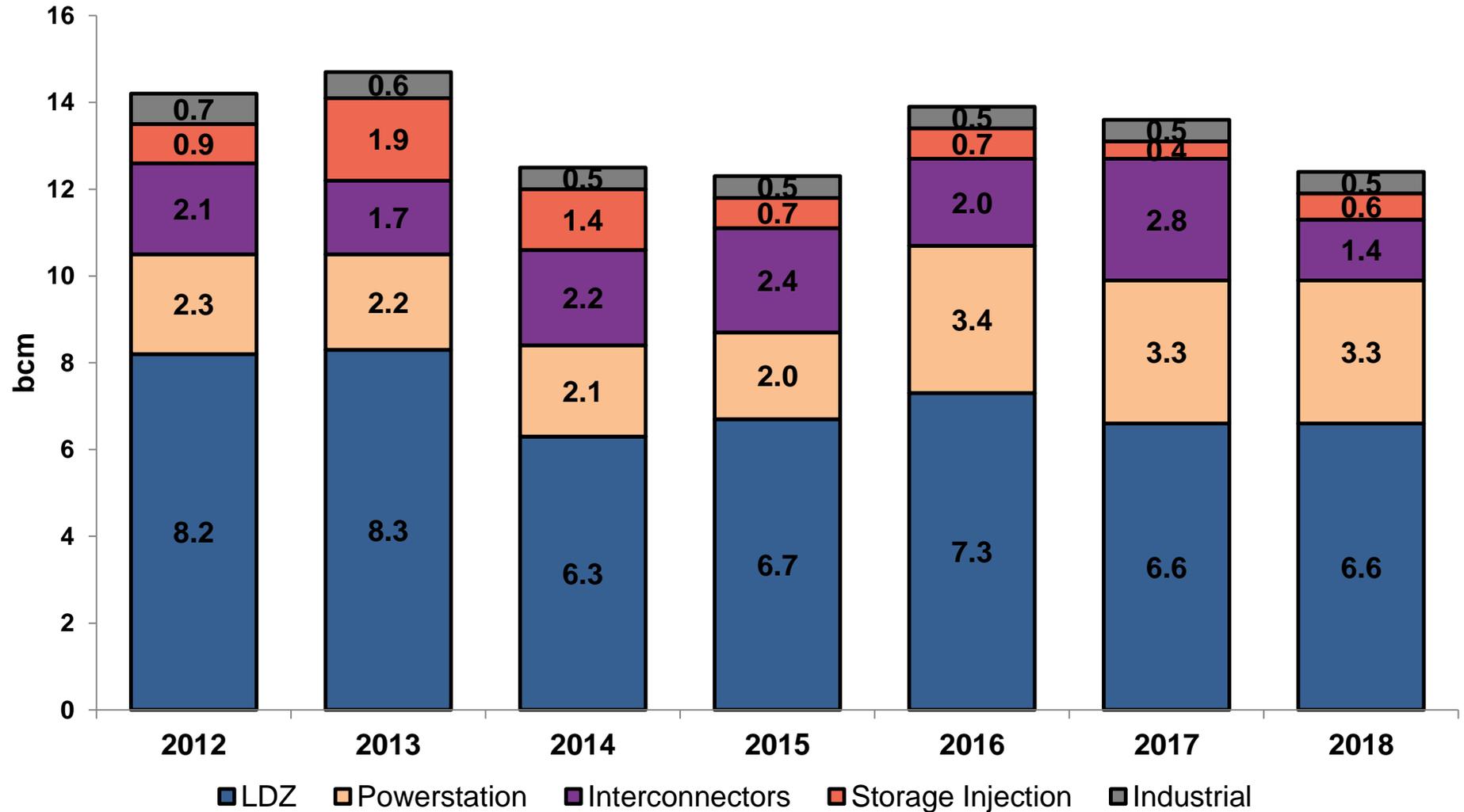
Gas Demand Breakdown

1st April 2018 to 31st May 2018 vs Same Period in Previous Years



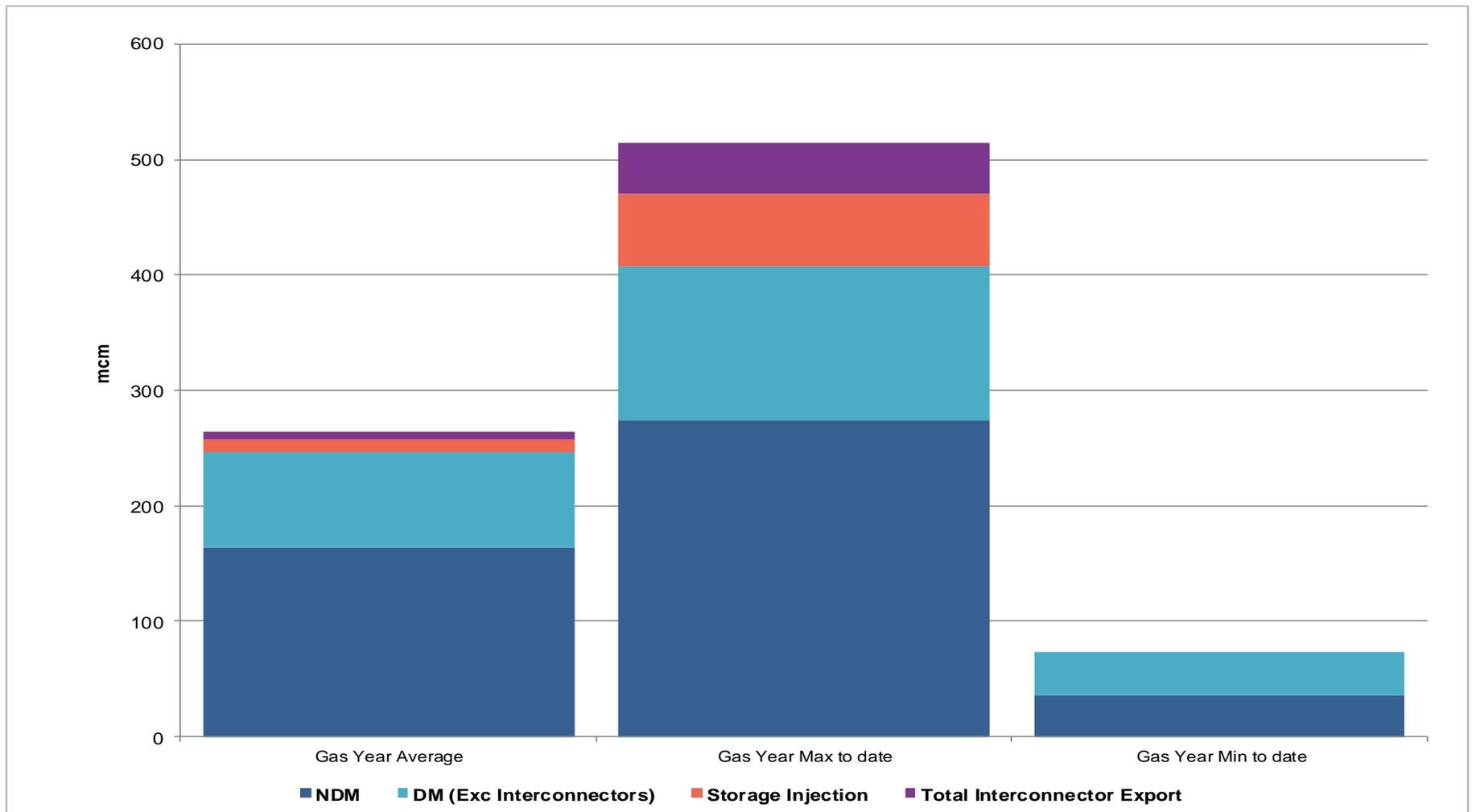
Gas Demand Breakdown (bcm)

1st April 2018 to 31st May 2018 vs Same Period in Previous Years



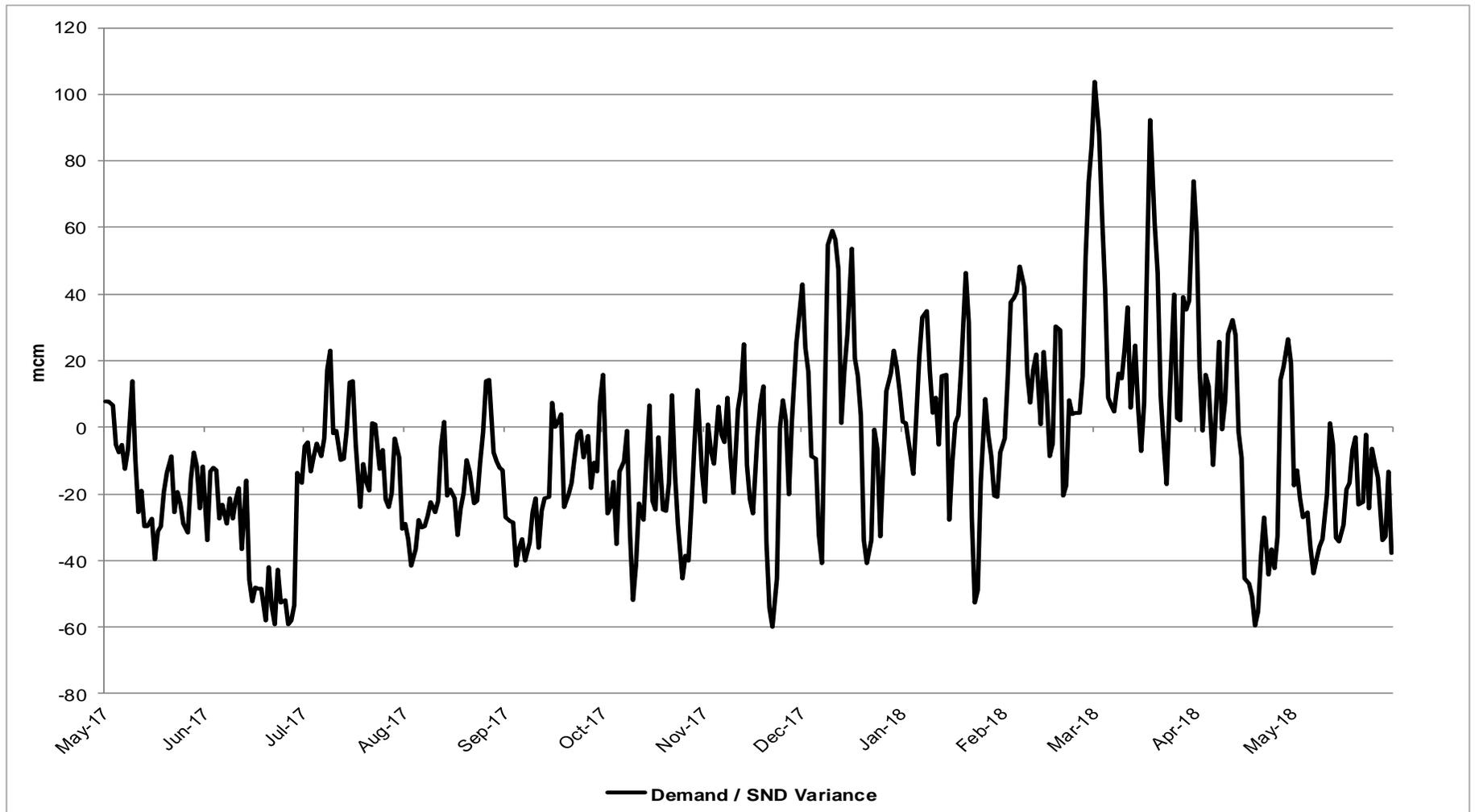
Gas Demand Statistics

1st April 2017 to 31st May 2018



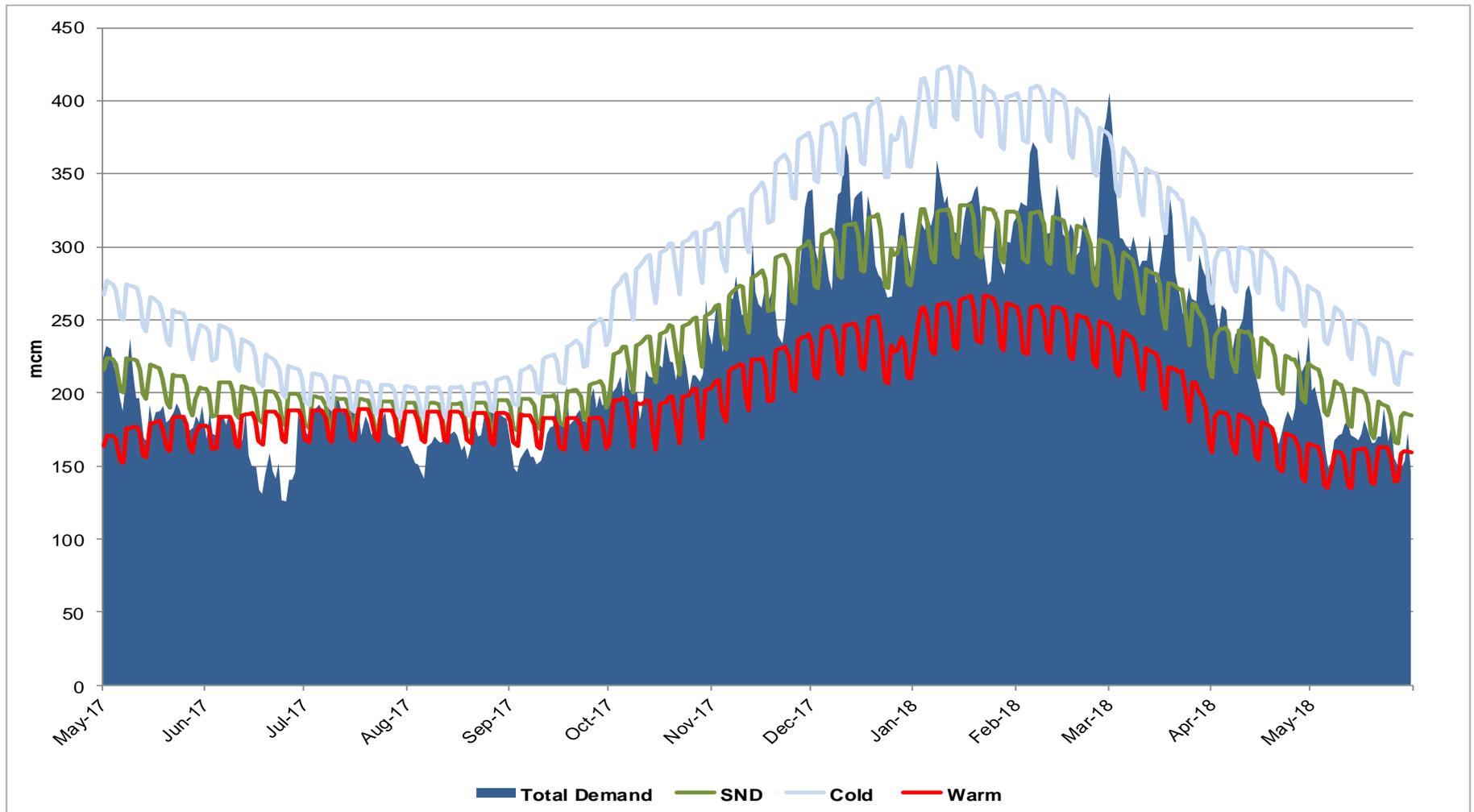
Demand Variance from SND

1st May 2017 to 31st May 2018



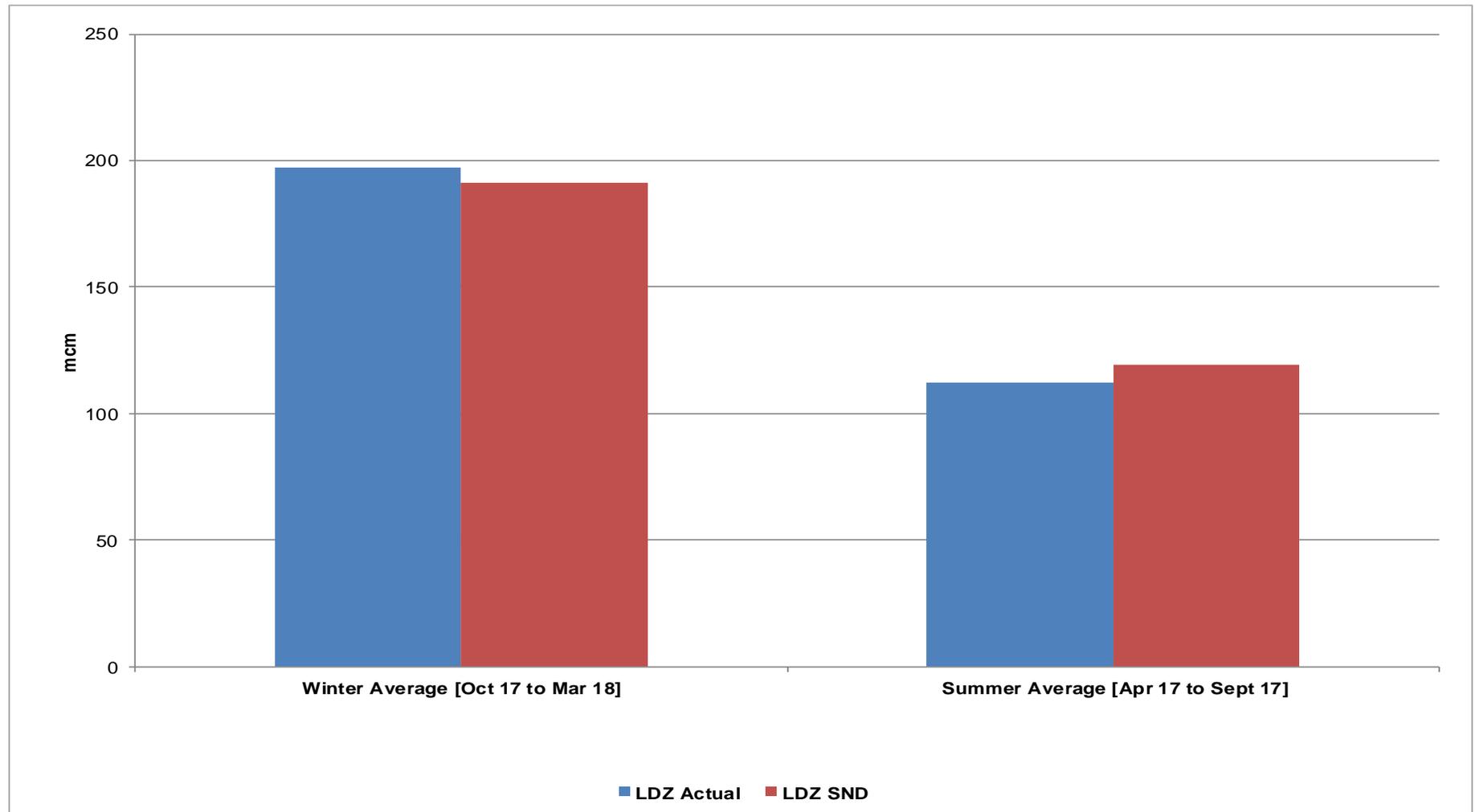
Gas Demand Vs SND / Cold / Warm

1st May 2017 to 31st May 2018



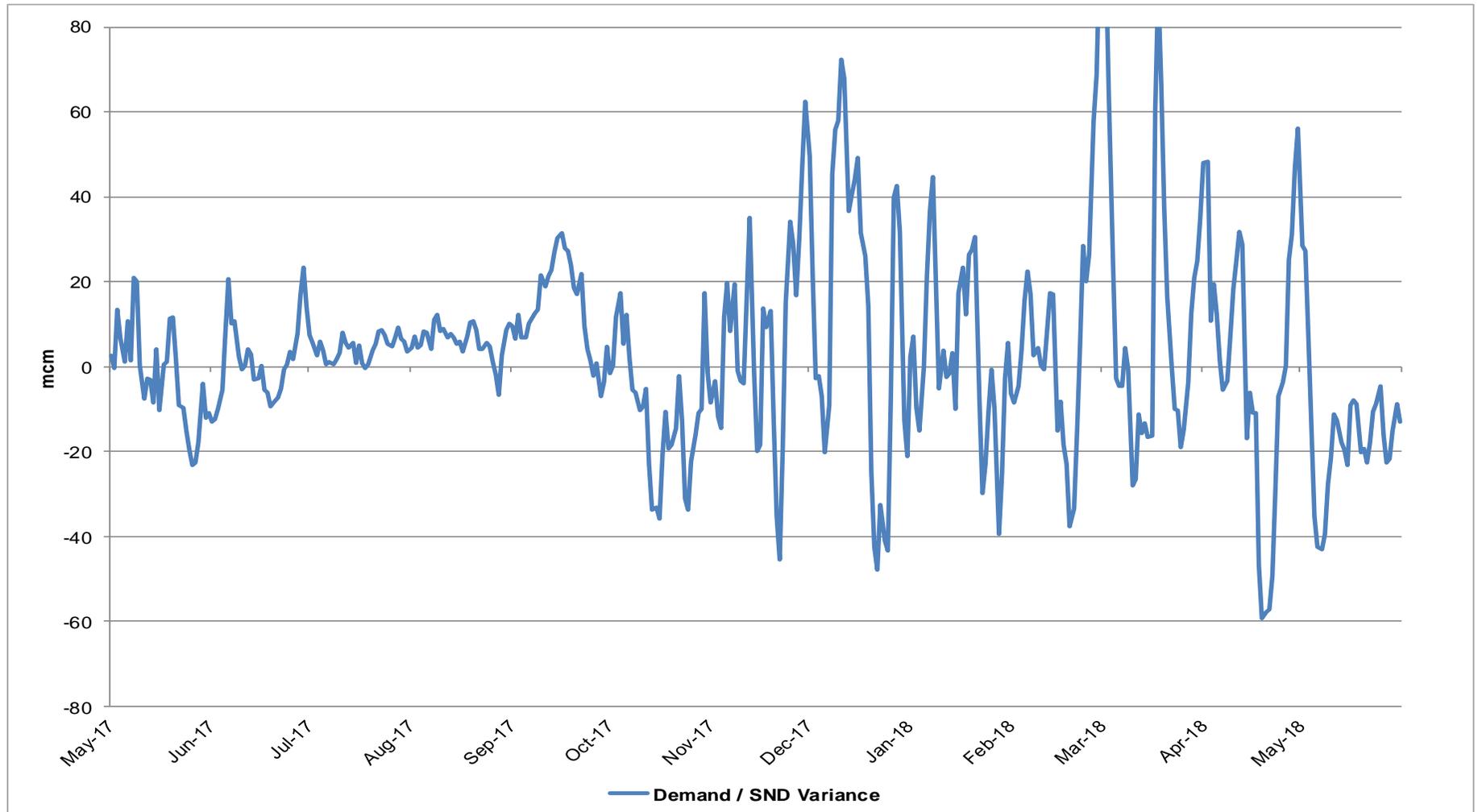
LDZ Actual Demand Vs LDZ SND

1st October 2017 to 31st May 2018



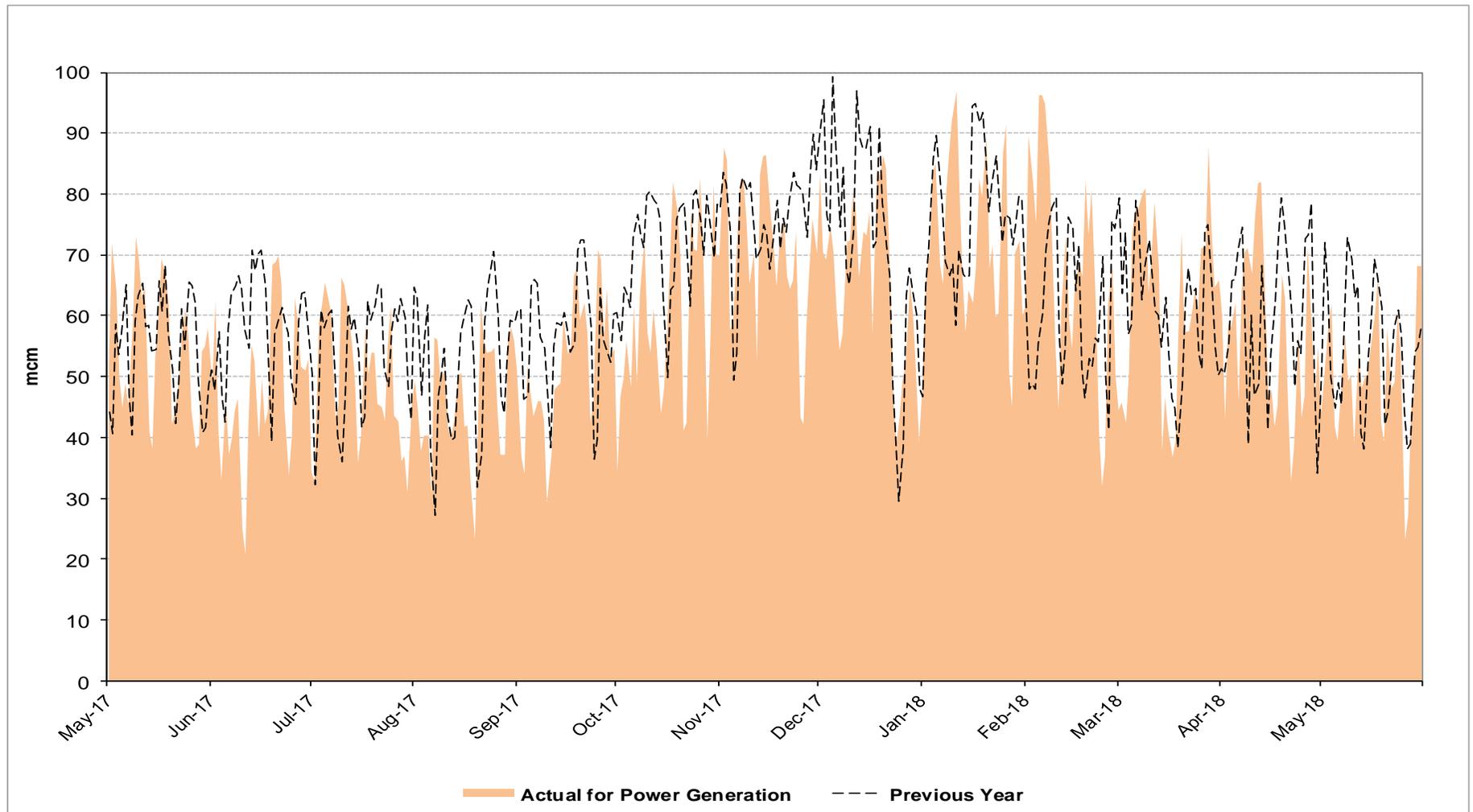
LDZ Demand / LDZ SND Variance

1st May 2017 to 31st May 2018



Gas Consumption for Power Generation

1st May 2017 to 31st May 2018

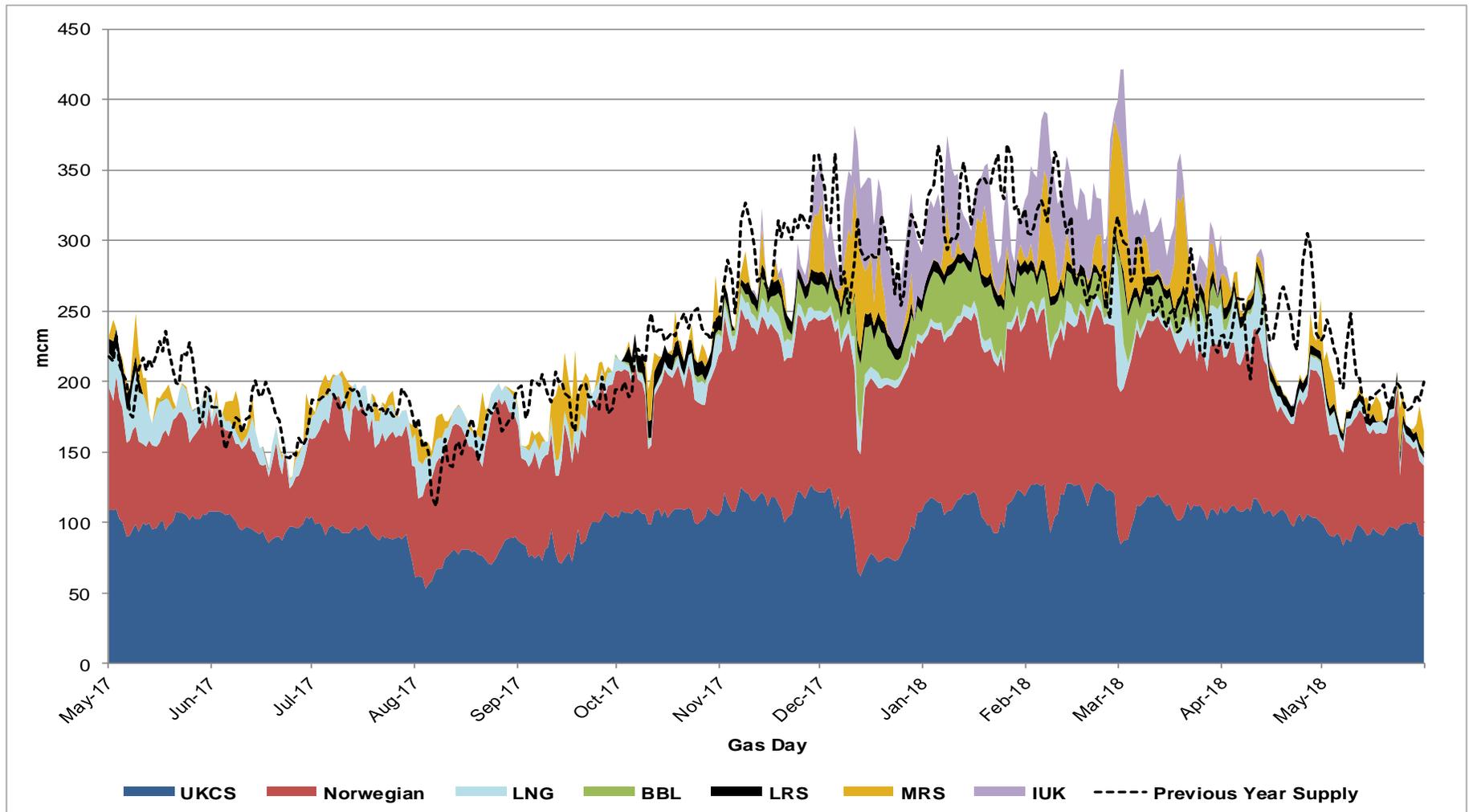


Supplies



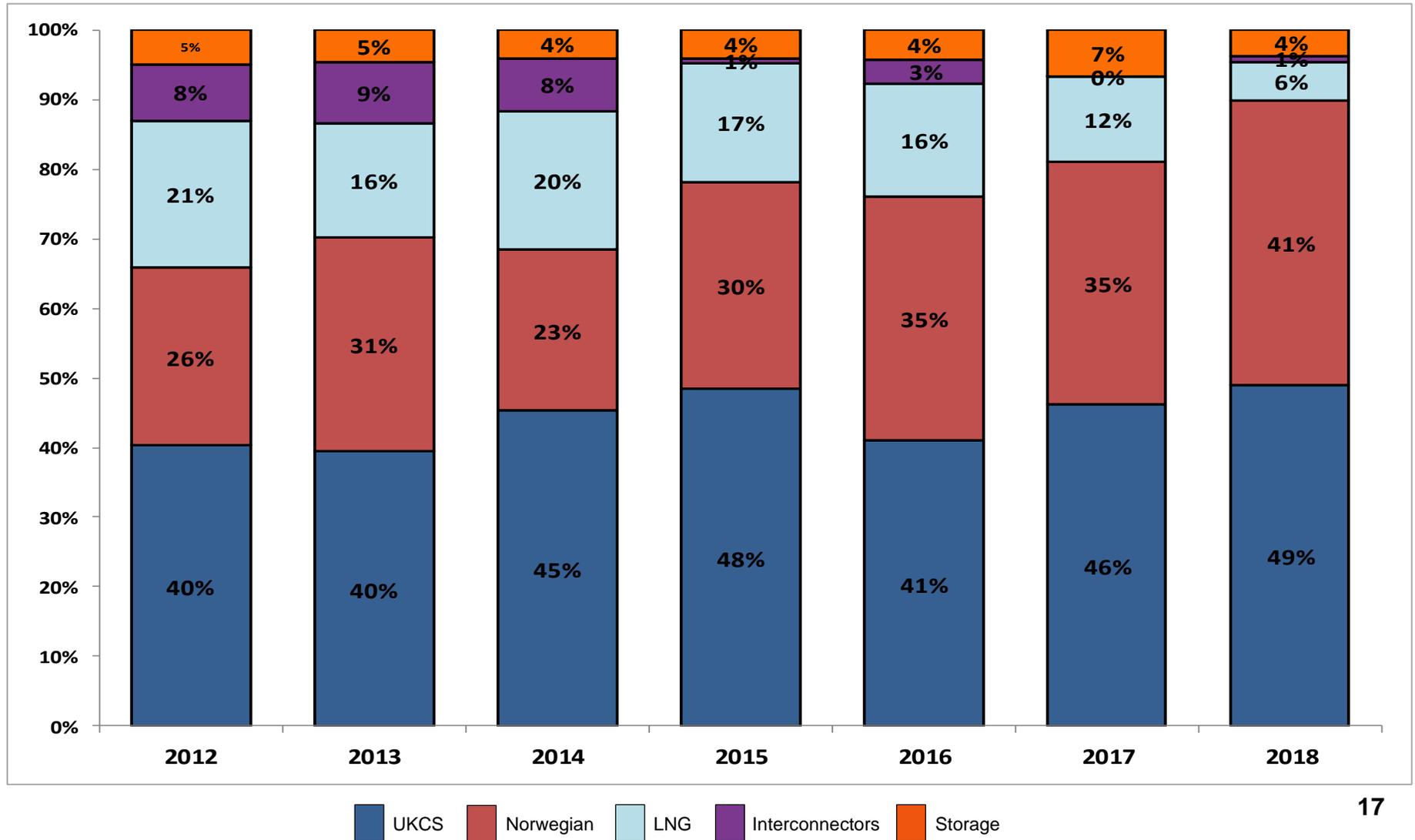
Gas Supply Breakdown

1st May 2017 to 31st May 2018 vs Previous Year



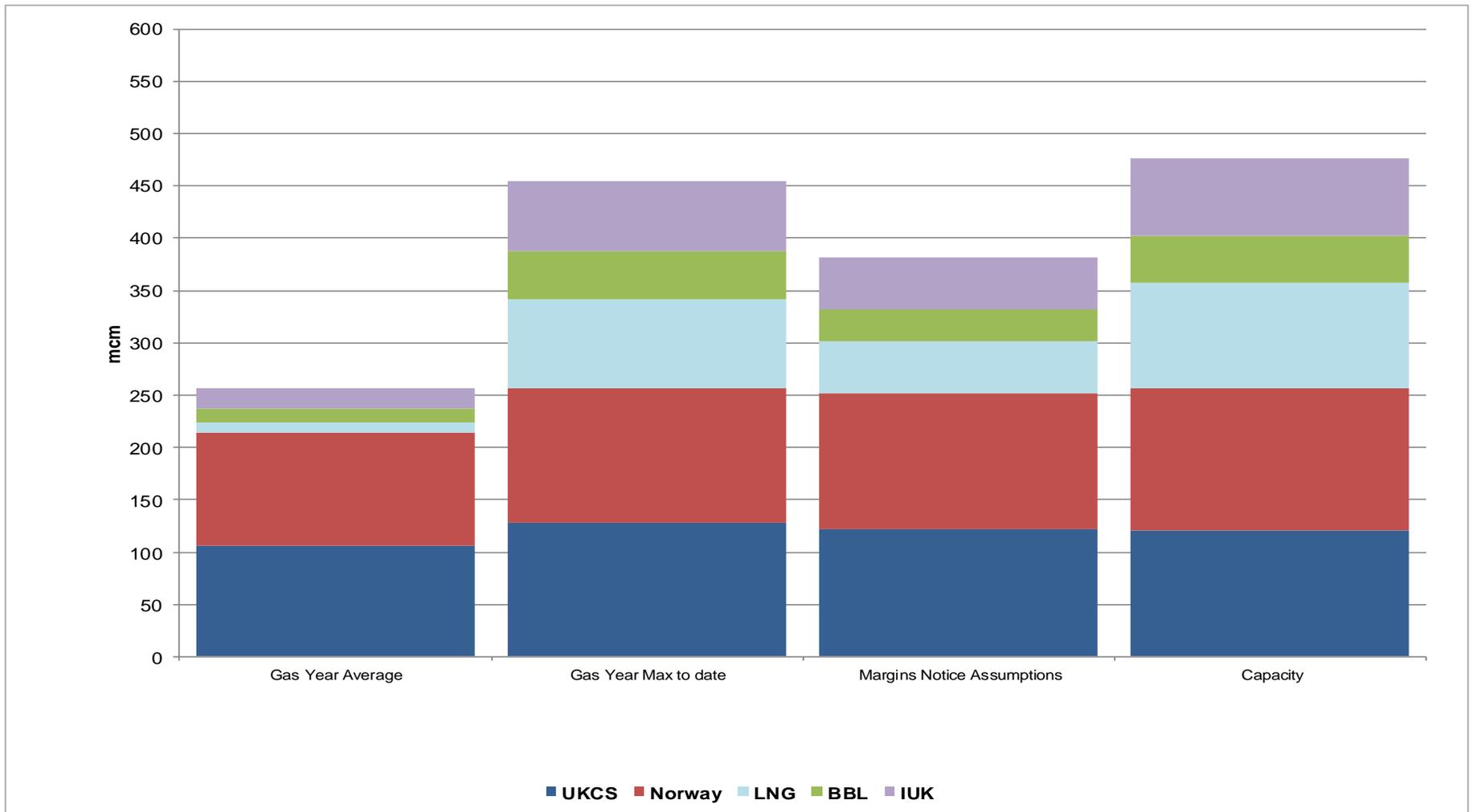
Gas Supply Breakdown

1st April 2018 to 31st May 2018 vs Same Period in Previous Years



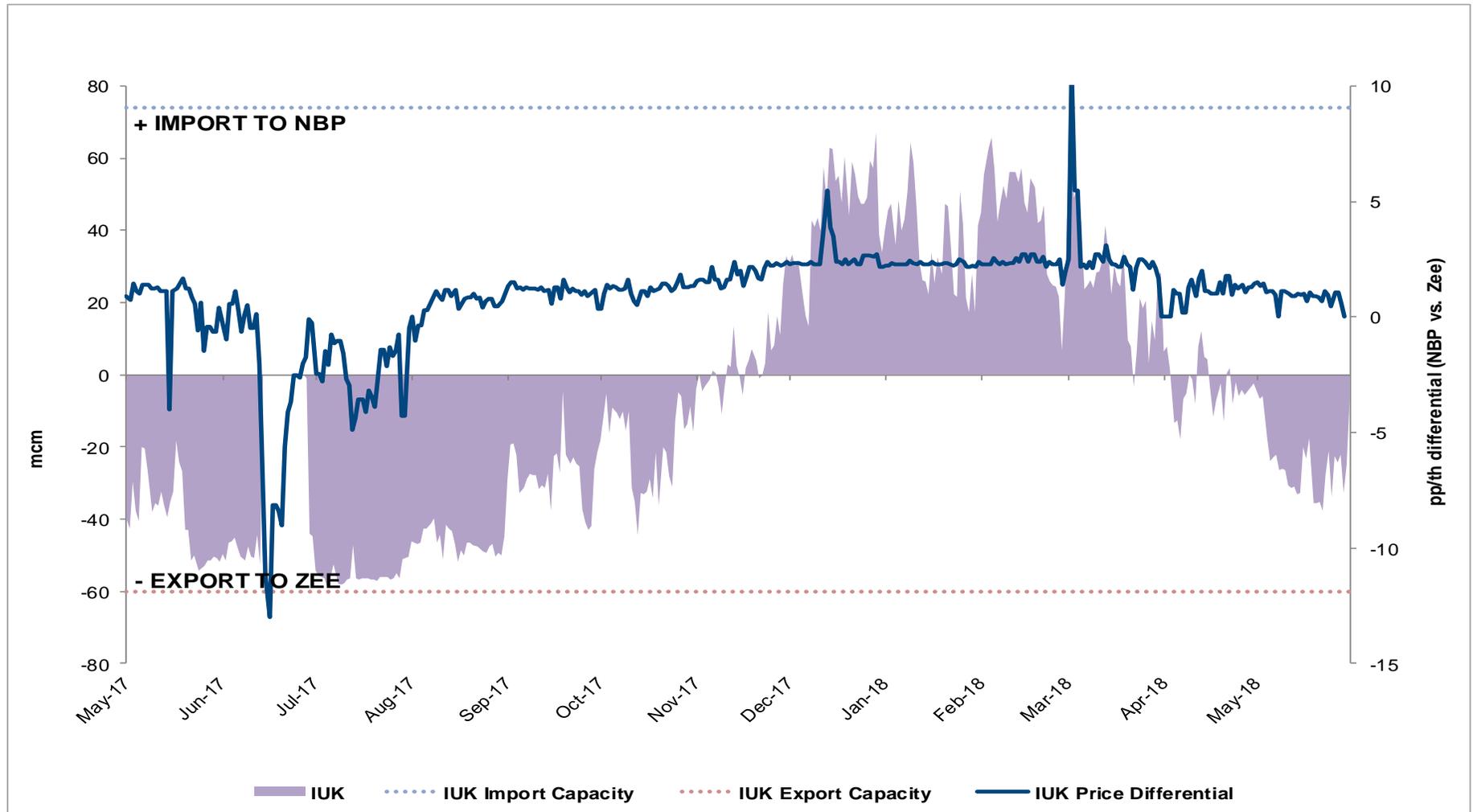
NSS (Non Storage Supply)

1st October 2017 to 31st May 2018



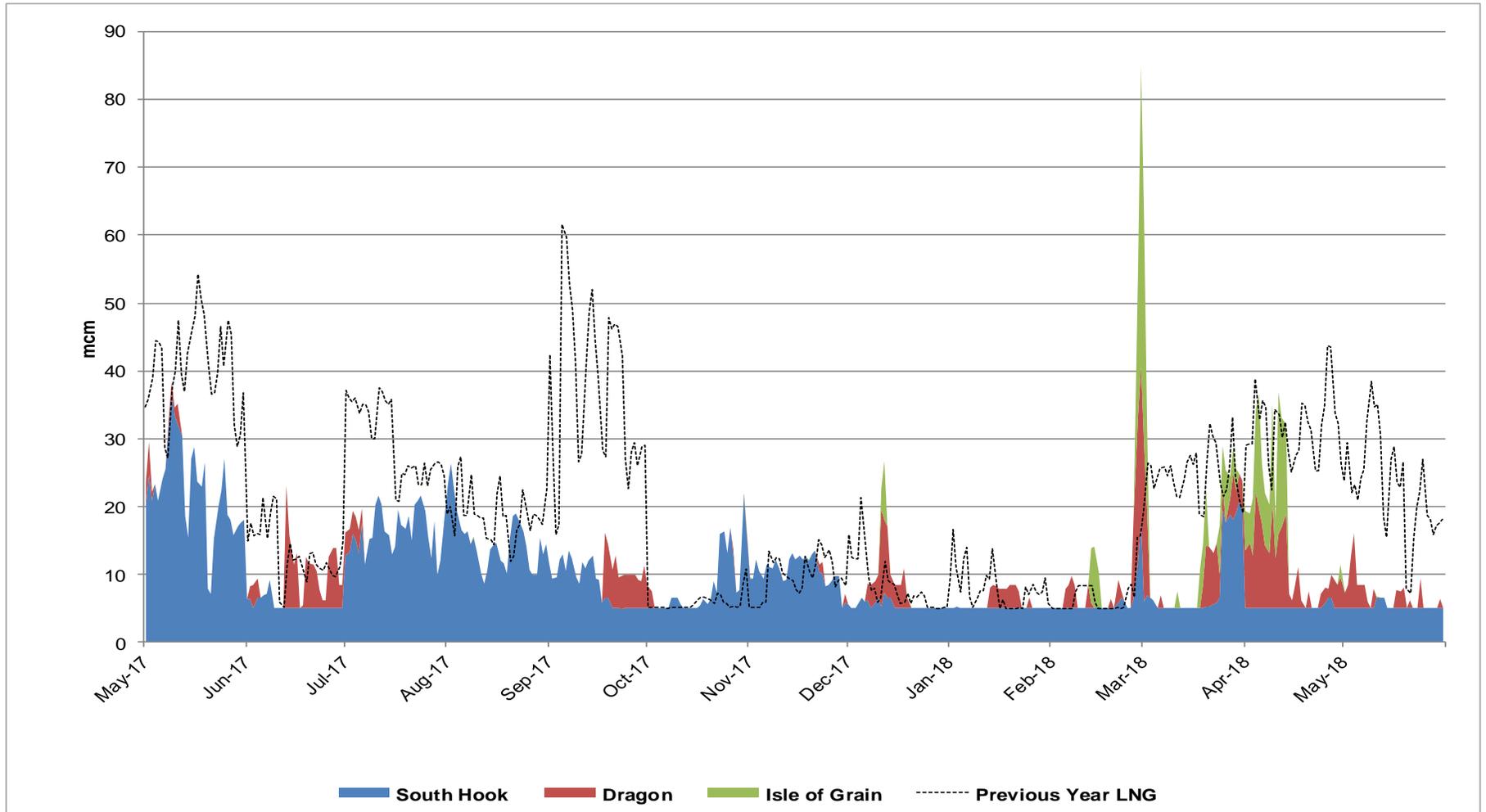
IUK Flows vs NBP & ZEE Price Differential

1st May 2017 to 31st May 2018



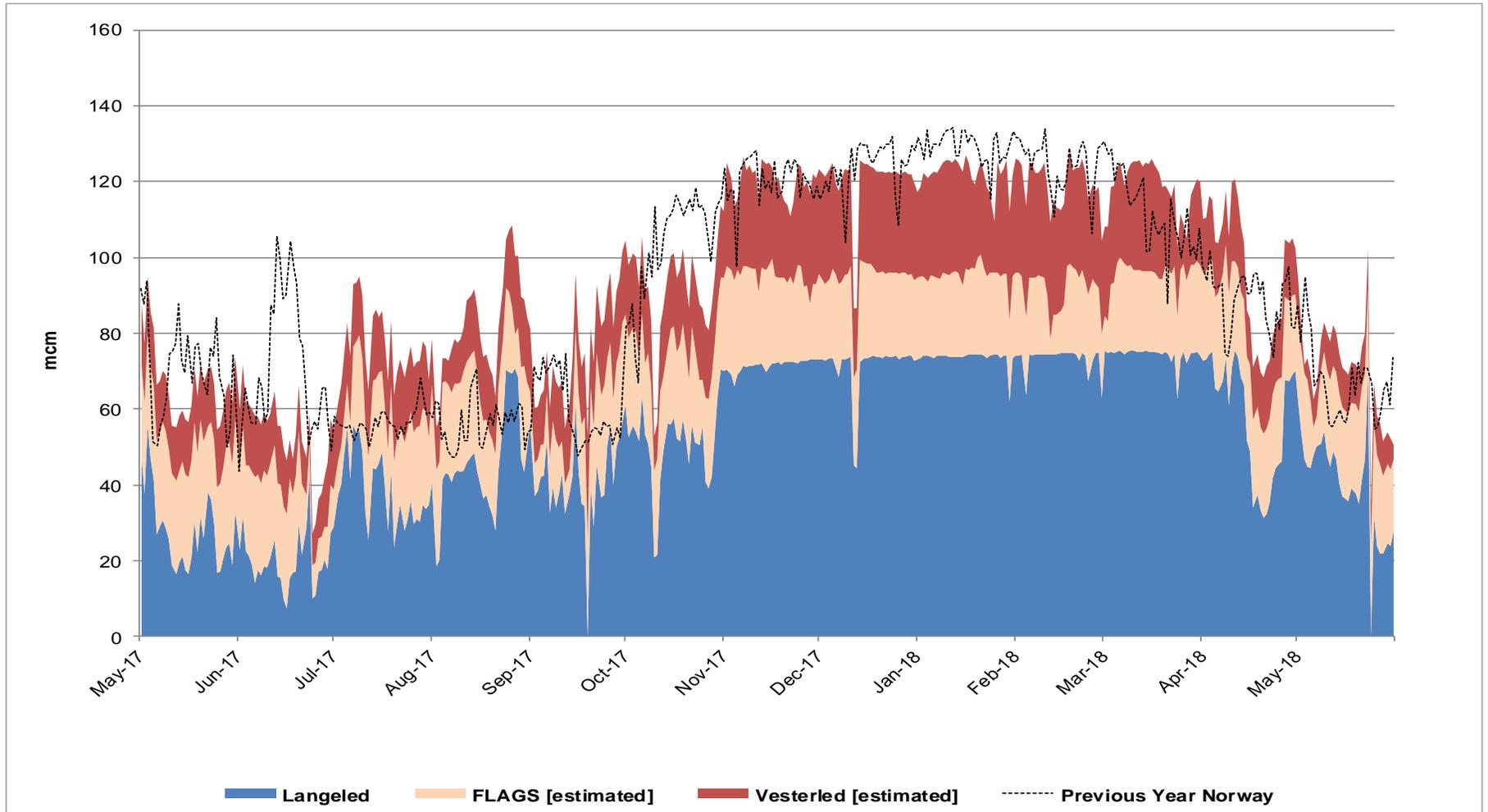
LNG Terminal Flows

1st May 2017 to 31st May 2018



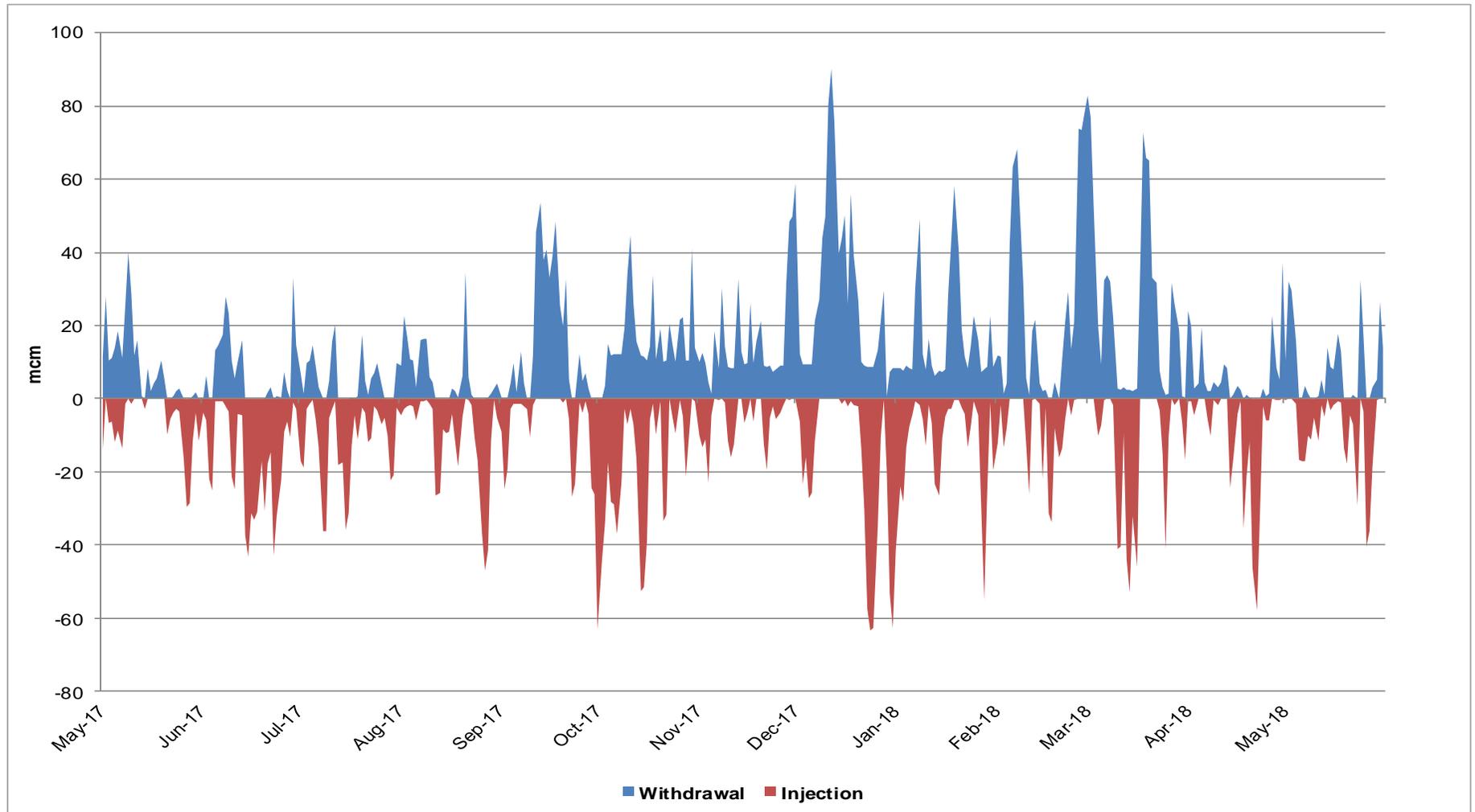
Norwegian Flows

1st May 2017 to 31st May 2018



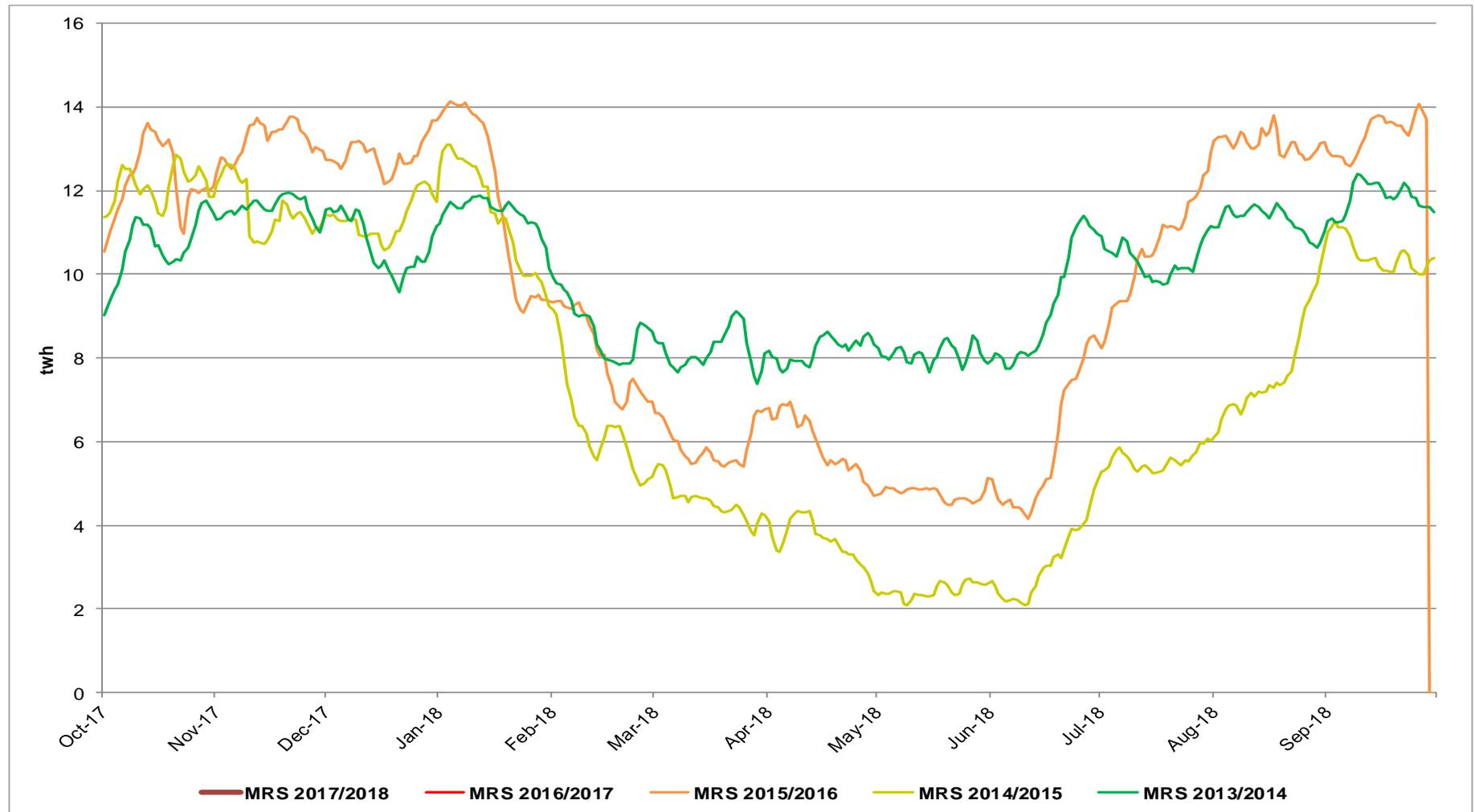
Storage Withdrawal vs Injection

1st May 2017 to 31st May 2018



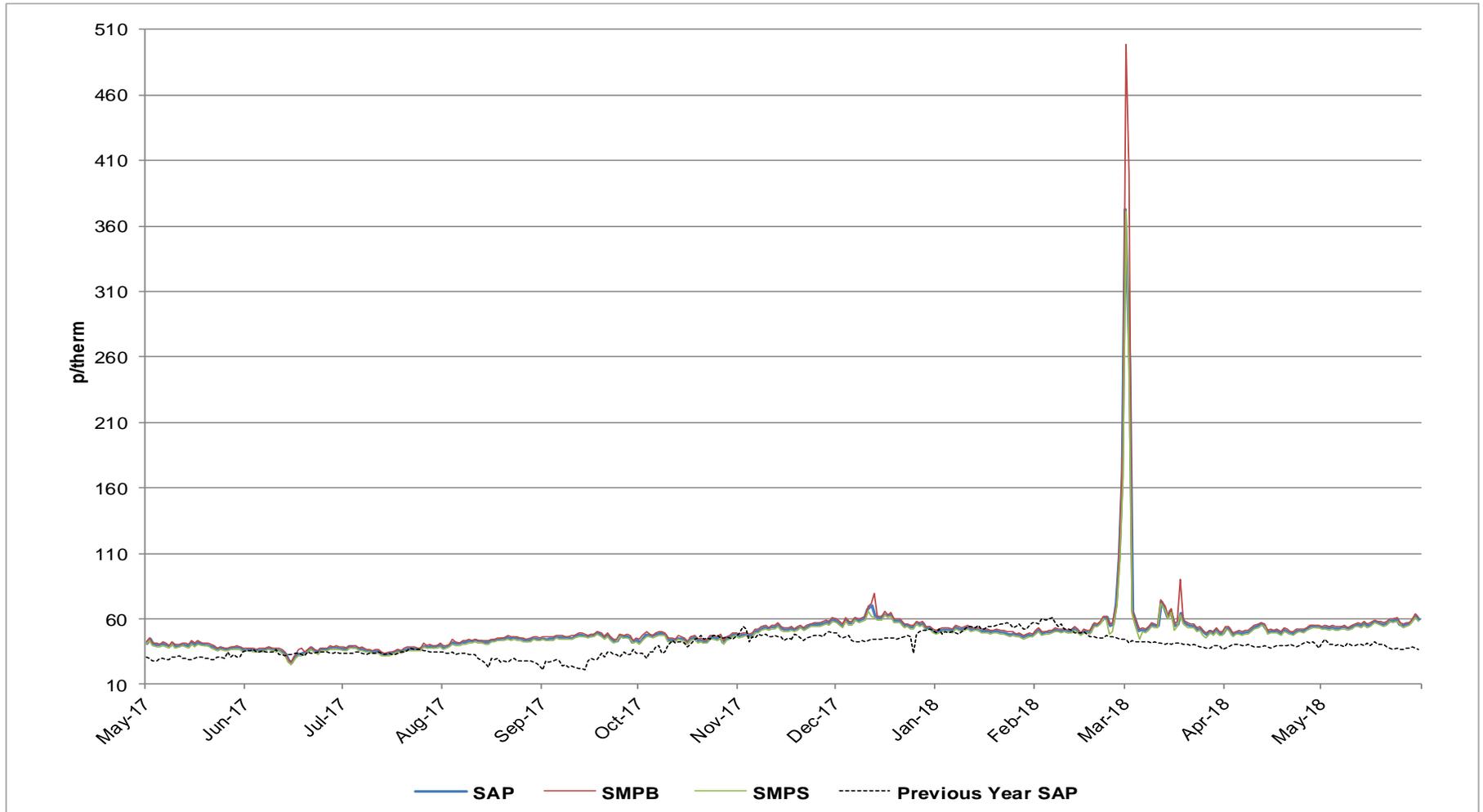
Medium Range Storage Stocks (MRS)

1st October 2017 to 30th September 2018 vs Previous Years



UK Gas Prices

1st May 2017 to 31st May 2018 vs Previous Year



What Operational Issues Affected Users?



Transporter Actions and Neutrality

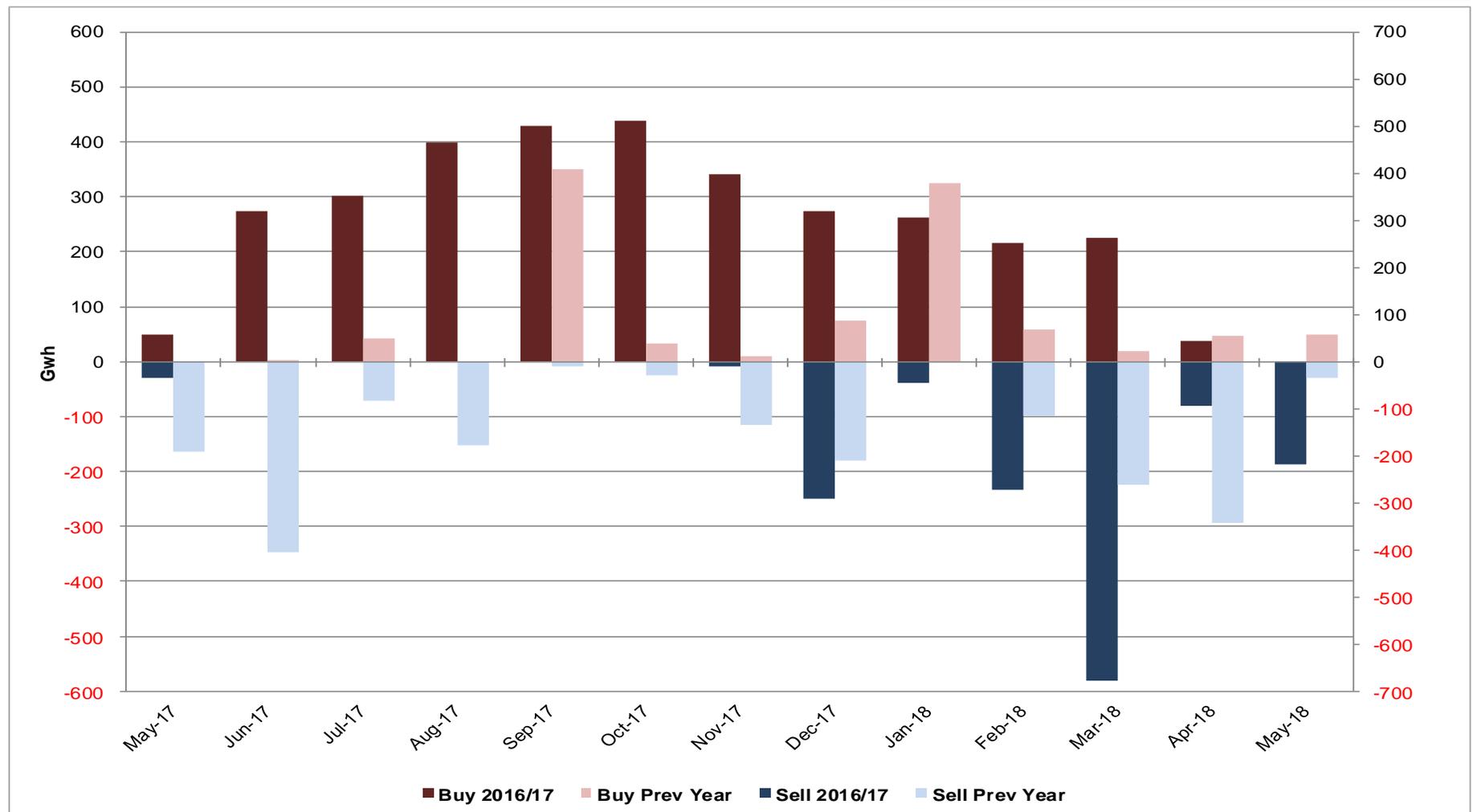


- Energy Balancing
- Capacity

Transporter Energy Traded on the OCM

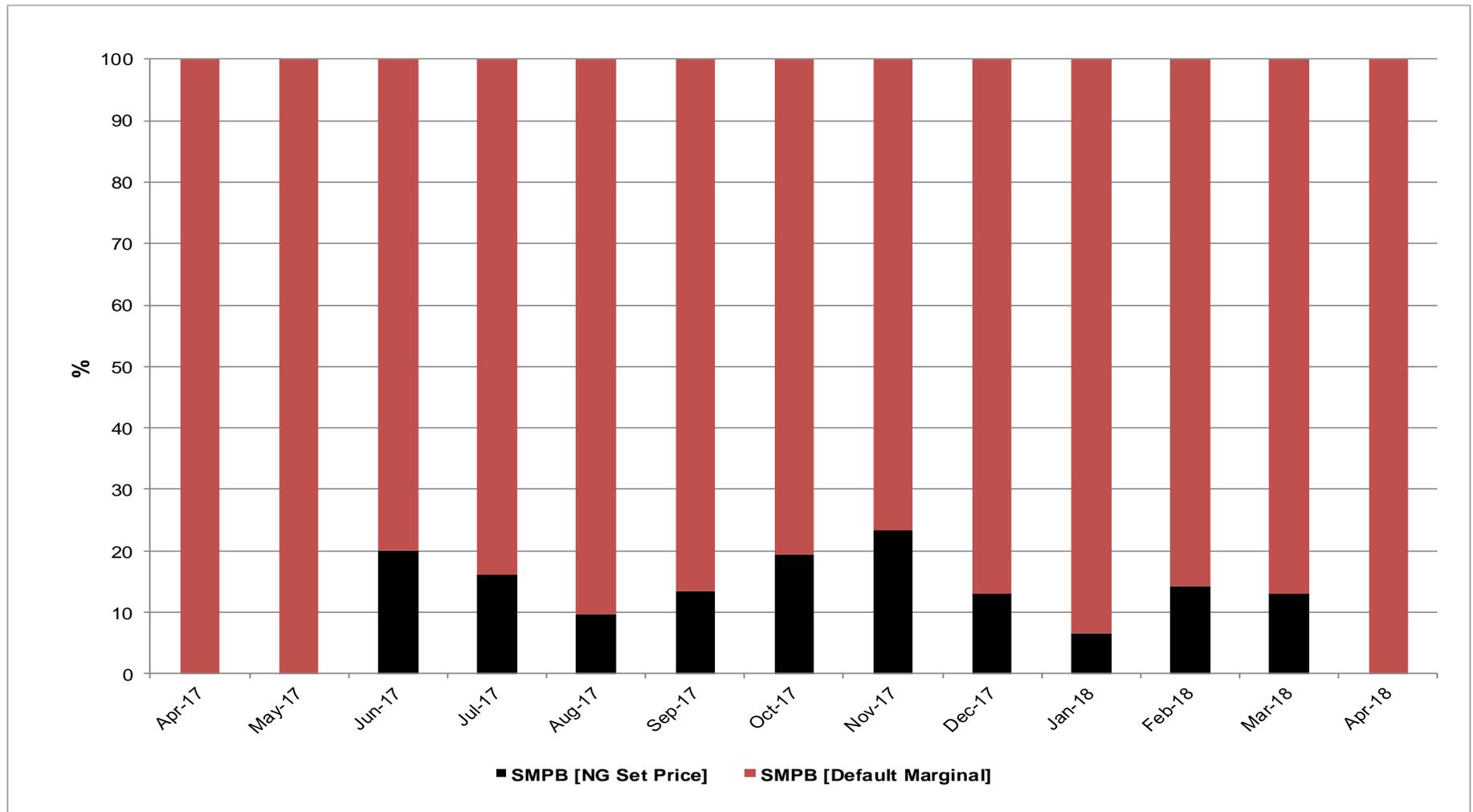
NGG Monthly Buys and Sells

1st May 2017 to 31st May 2018 vs Previous Year



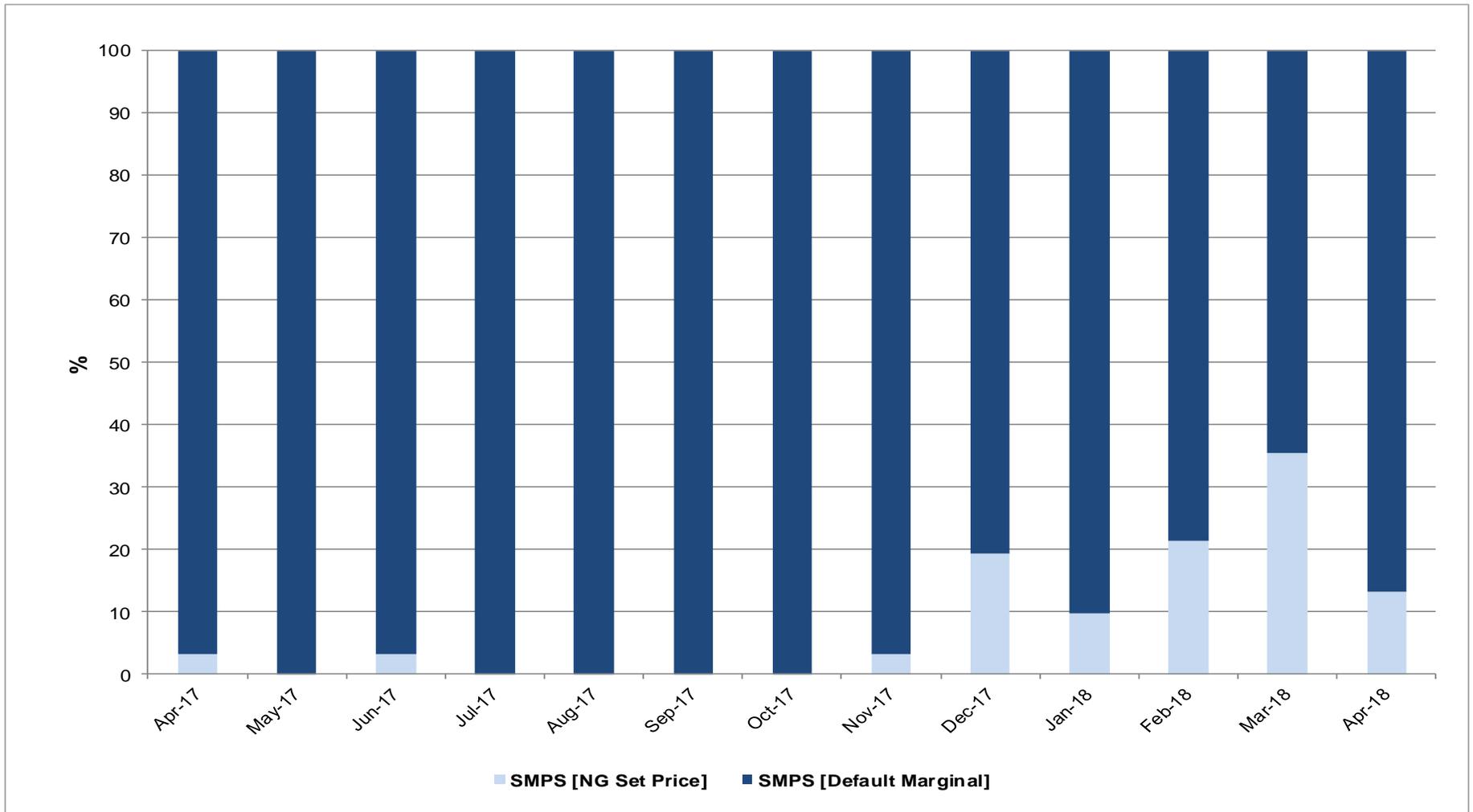
Days of Default SMP Prices (SMPB)

April 2017 to April 2018



Days of Default SMP Prices (SMPS)

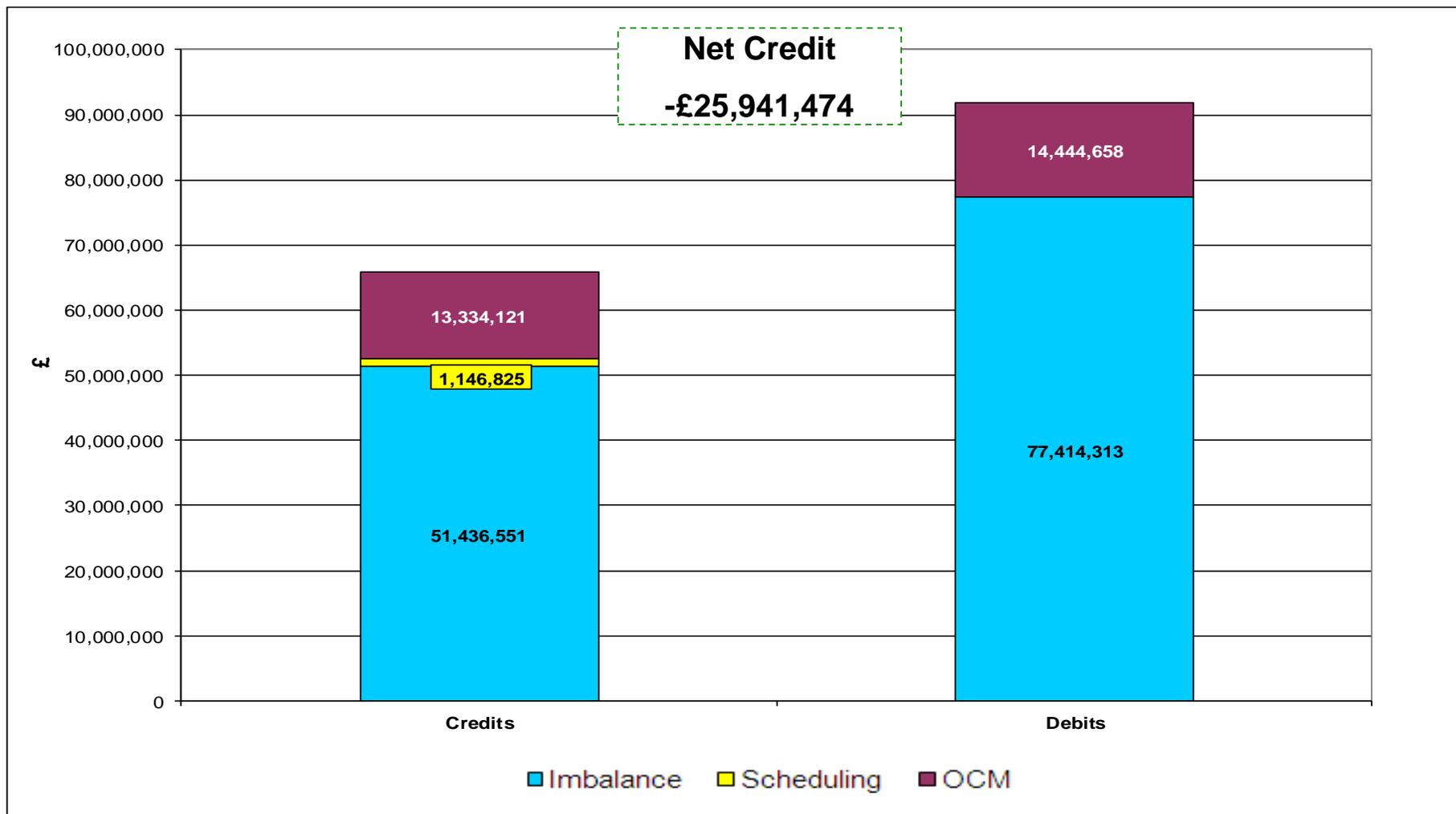
April 2017 to April 2018



Energy Balancing - Balancing Costs

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

January/February 2018



Energy Balancing - Balancing Costs

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

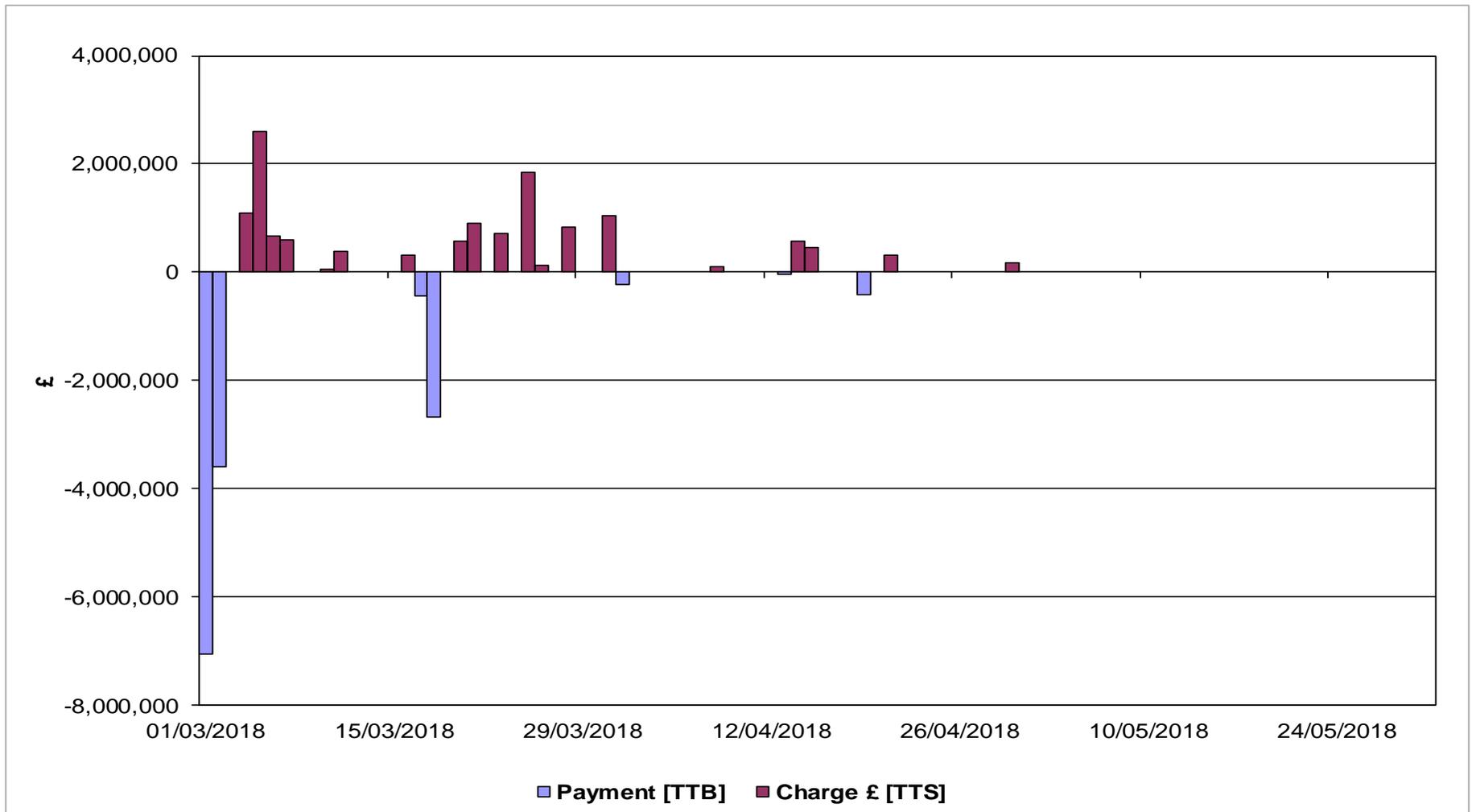
March/April 2018

		Mar-18	Apr-18	
Imbalance	Payment £ [DCS]	-61,053,967	-16,360,346	
	Charge £ [DCT]	33,913,155	17,523,397	
Scheduling	Exit Charge £ [DXS]	8,705	15,243	
	Exit Charge £ [EXS]	189,974	89,642	
	Entry Charge £ [ESC]	660,488	182,771	
OCM	Payment £ [TTB]	-13,754,166	-690,491	
	Charge £ [TTS]	11,718,284	1,615,837	
Balancing Costs		-28,317,528	2,376,053	

Energy Balancing - Balancing Costs

OCM Payments / Charges

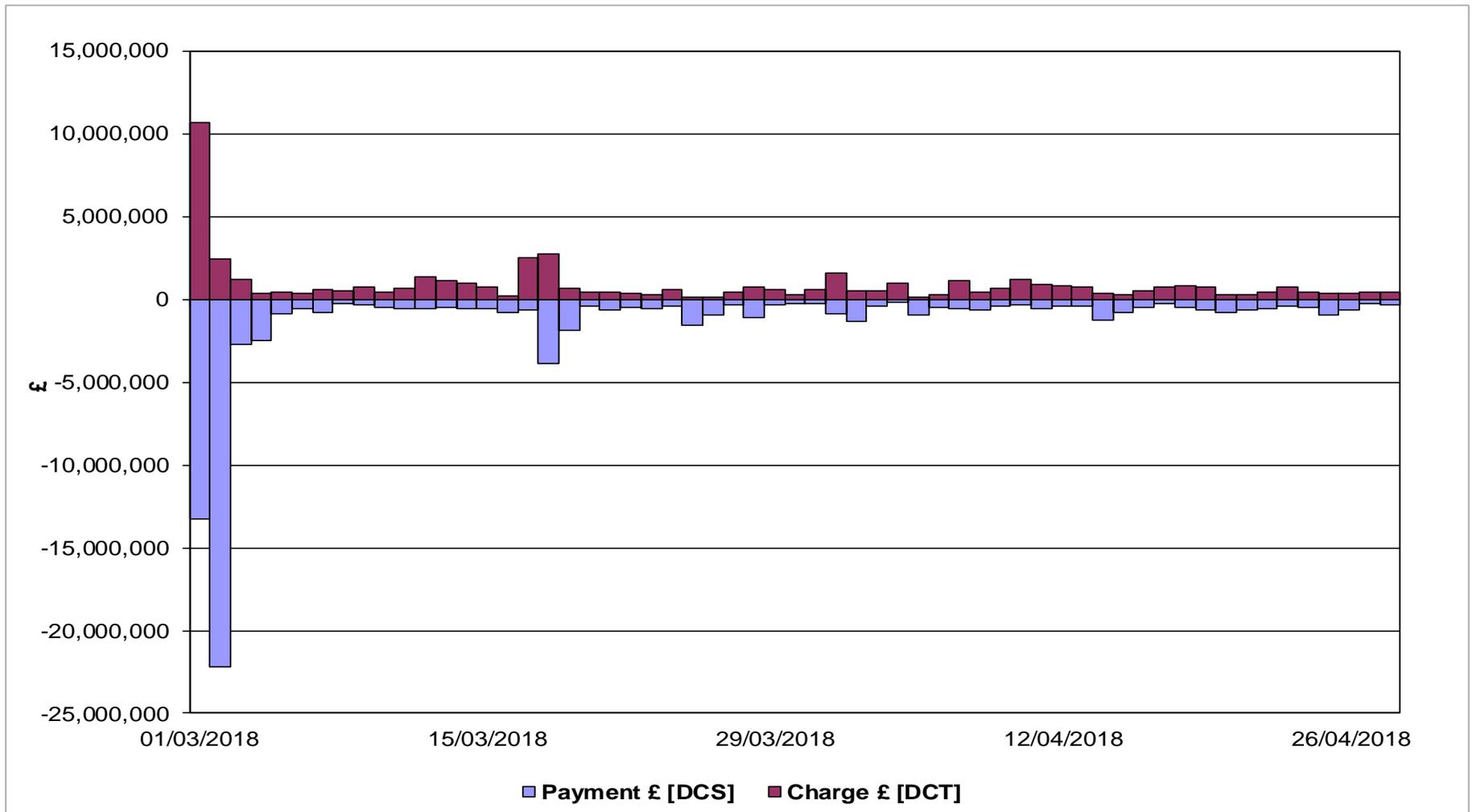
March/April 2018



Energy Balancing - Balancing Costs

Imbalance Payments / Charges

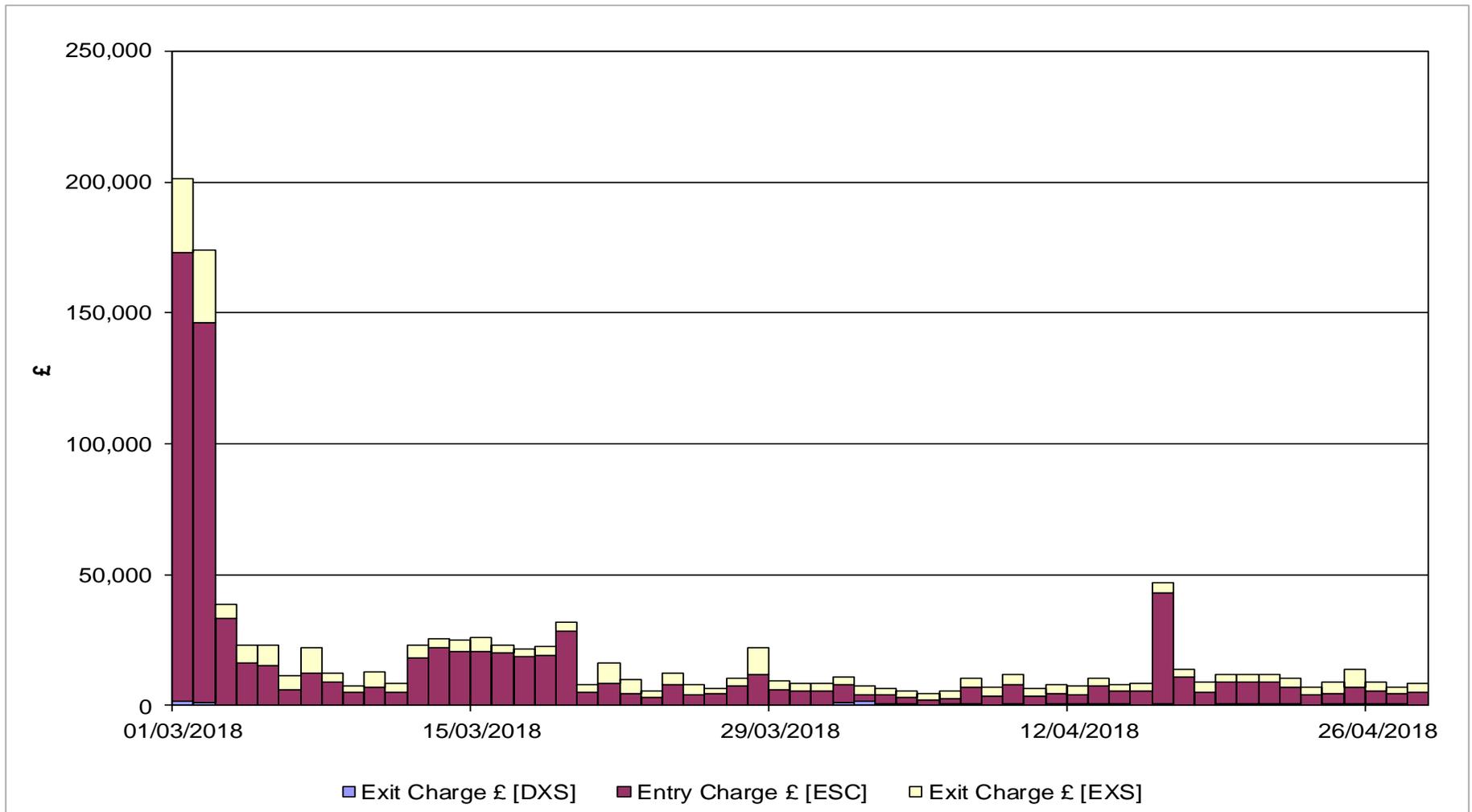
March/April 2018



Energy Balancing - Balancing Costs

Scheduling Charges

March/April 2018



Capacity Neutrality Net Cost / Revenue

1st April 2018 to 31st May 2018

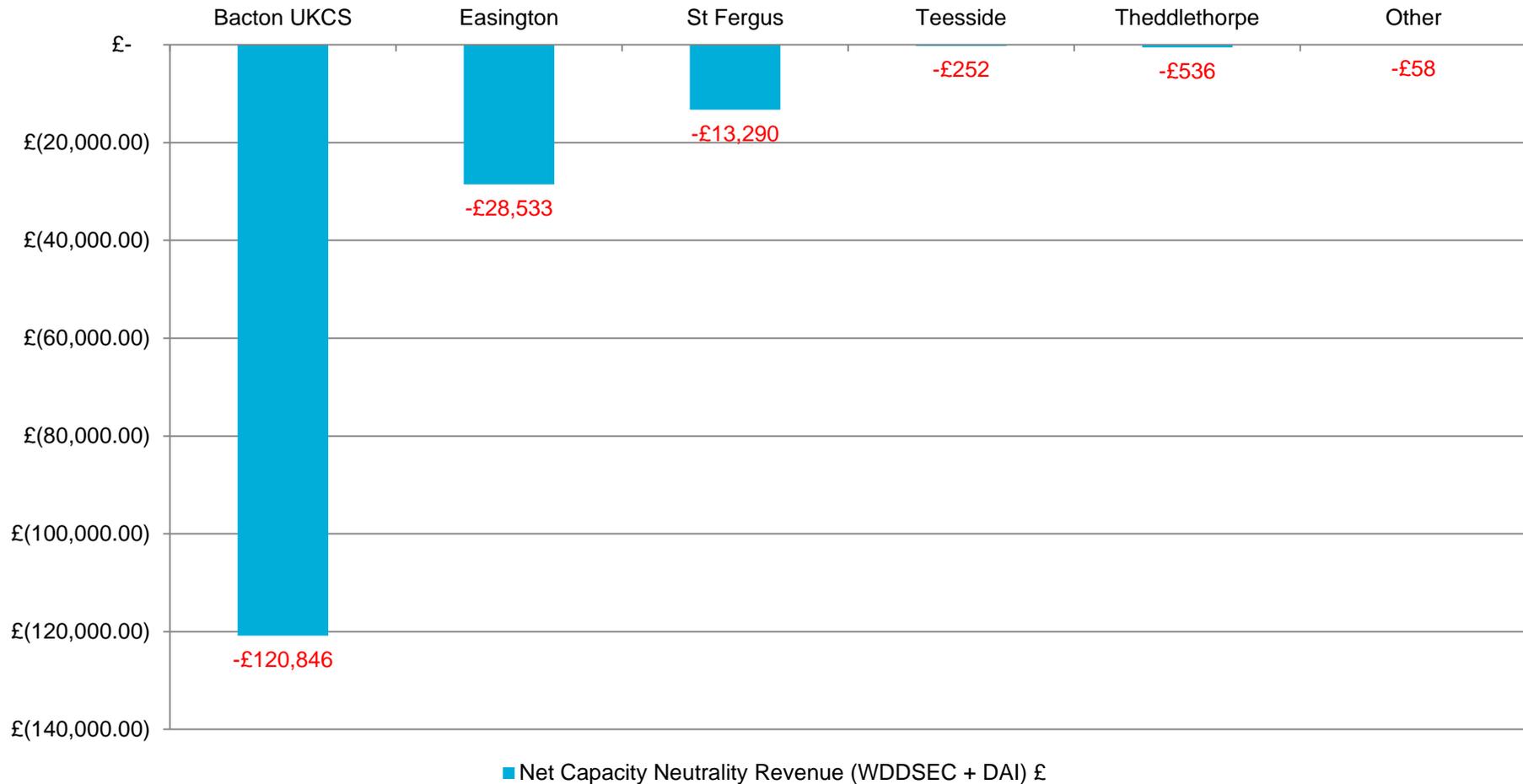
	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£163,515
Total Entry Constraint Management Operational Costs	£288,318
Entry Capacity Overrun Revenue*	-£11,822*
Non-Obligated Sales Revenue (Entry only)	-£657
Revenue from Locational Sells and PRI Charges	£0
Net Revenue	£112,234

*Excludes December 2017

Net Capacity Neutrality Revenue

1st April 2018 to 31st May 2018

Net Capacity Neutrality Revenue (WDDSEC + DAI) £



Capacity Neutrality

1st April 2018 to 31st May 2018

Month	Entry Cap Overrun Revenue	Non-obligated sales revenue (entry)	Month	Locational Sells and PRI charges revenue
Apr-18	-£11,822	-£2	Apr-18	£0
May-18		-£655	May-18	£0
Jun-18			Jun-18	
Jul-18			Jul-18	
Aug-18			Aug-18	
Sep-18			Sep-18	
Oct-18			Oct-18	
Nov-18			Nov-18	
Dec-18			Dec-18	
Jan-19			Jan-19	
Feb-19			Feb-19	
Mar-19			Mar-19	
Total	-£11,822	-£657	Total	£0 (FY18/19)