

Operational Forum Meeting



22nd February 2018, 9:30AM

Radisson Grafton Hotel, 130 Tottenham Court Road, London.

System Management Principles Statement



- **Summary of balancing actions and breaches for December 2017 and January 2018**
- **Performance compared to last year**

Summary Report

1st January 2018 to 31st January 2018

	Jan-18
Total Number of Buy Actions	13
Total Number of Sell Actions	5
Total	18

	Jan-2017	Jan-2018
Number of Balancing Actions (Calendar year to date)	15	18

Operational Overview

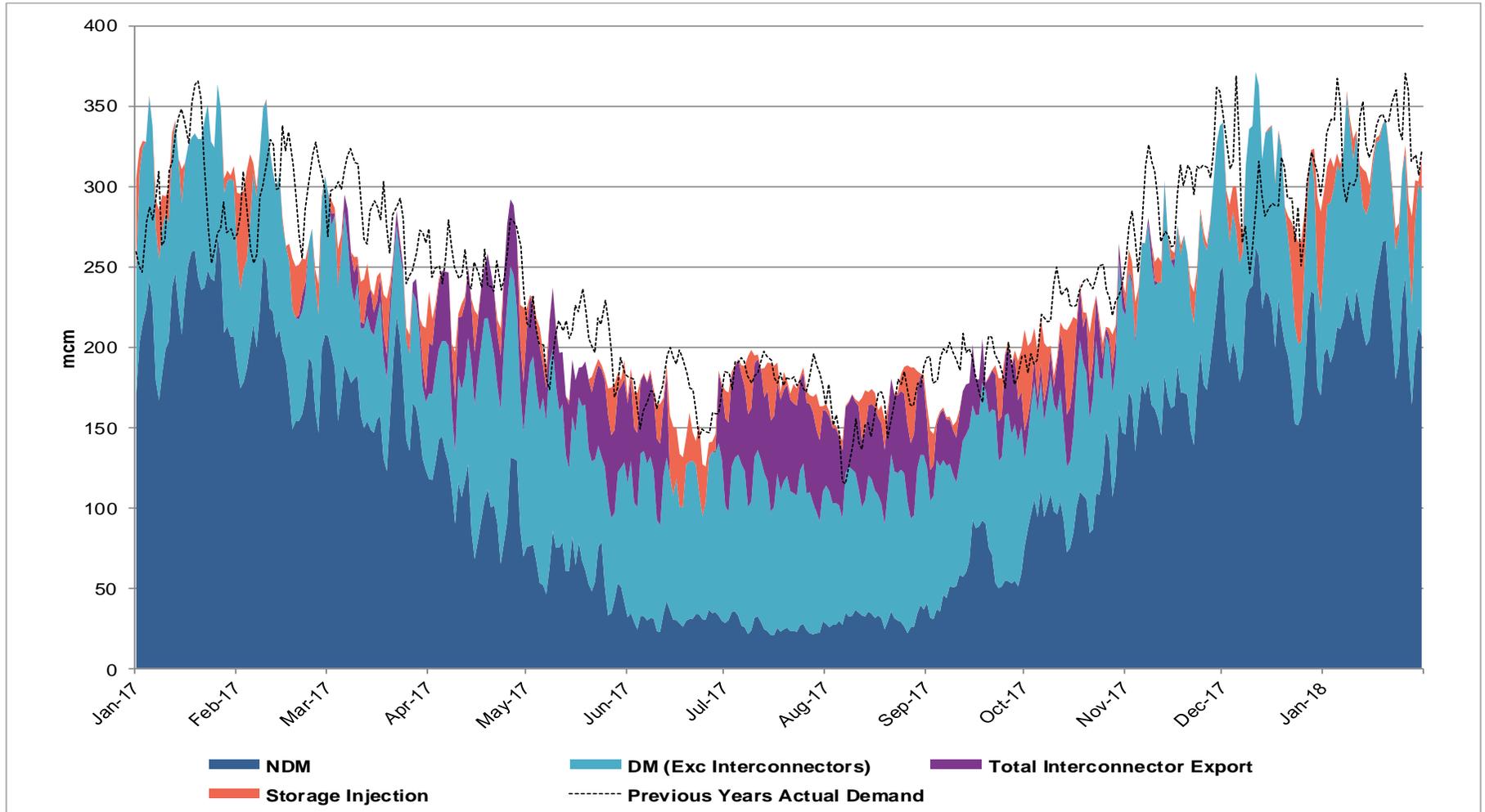


Demands



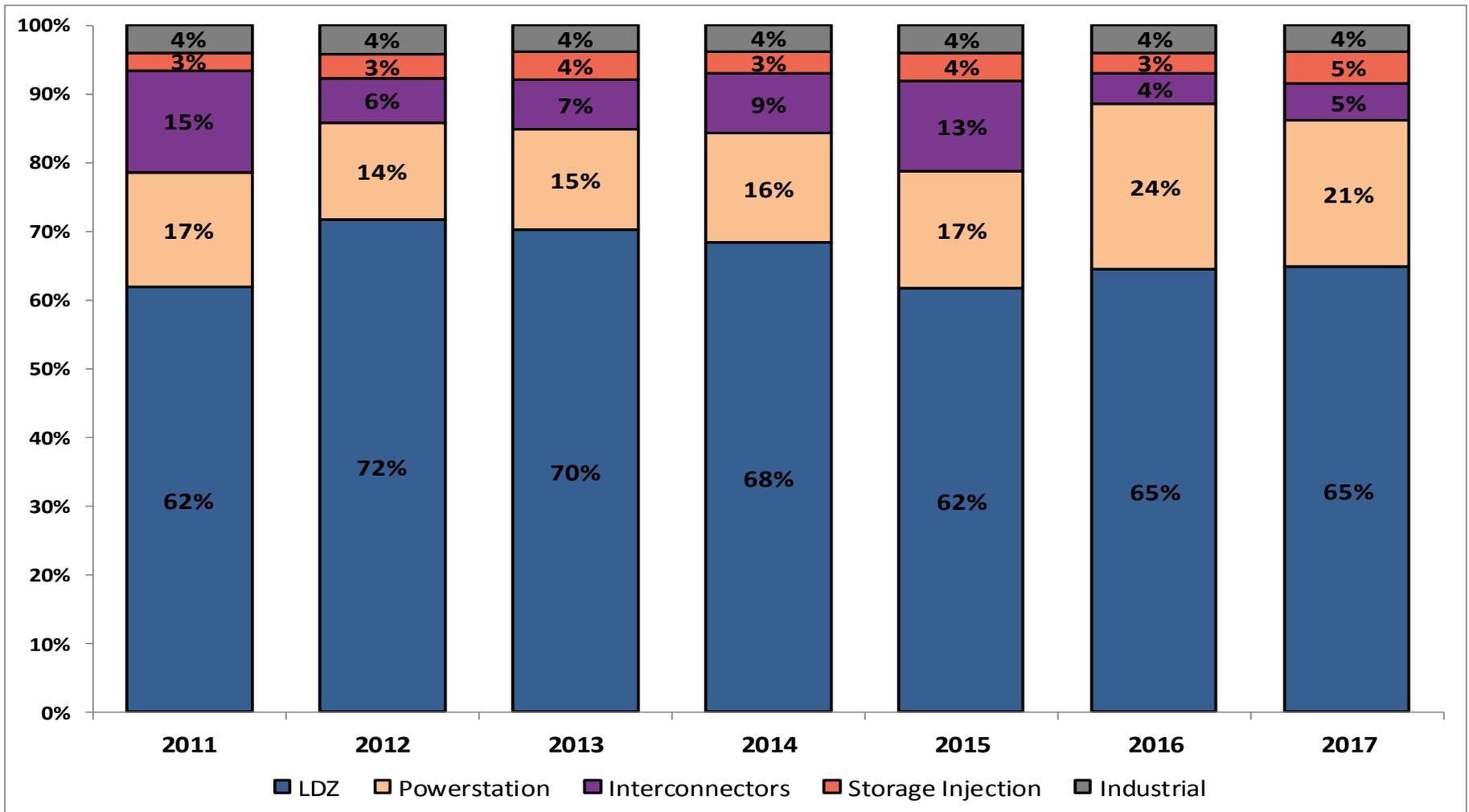
Gas Demand Breakdown

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



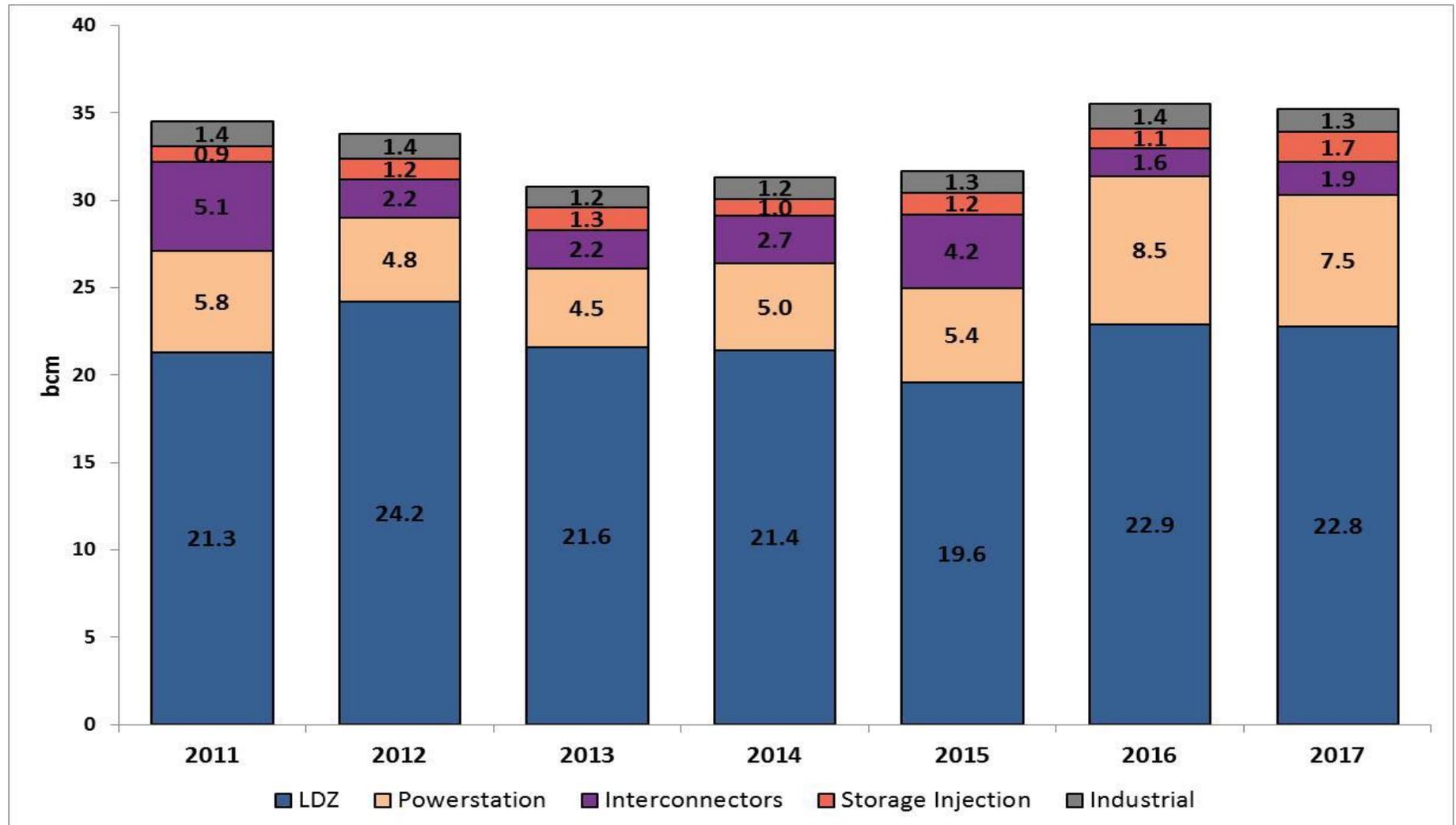
Gas Demand Breakdown

1st October 2017 to 31st January 2018 vs Same Period in Previous Years



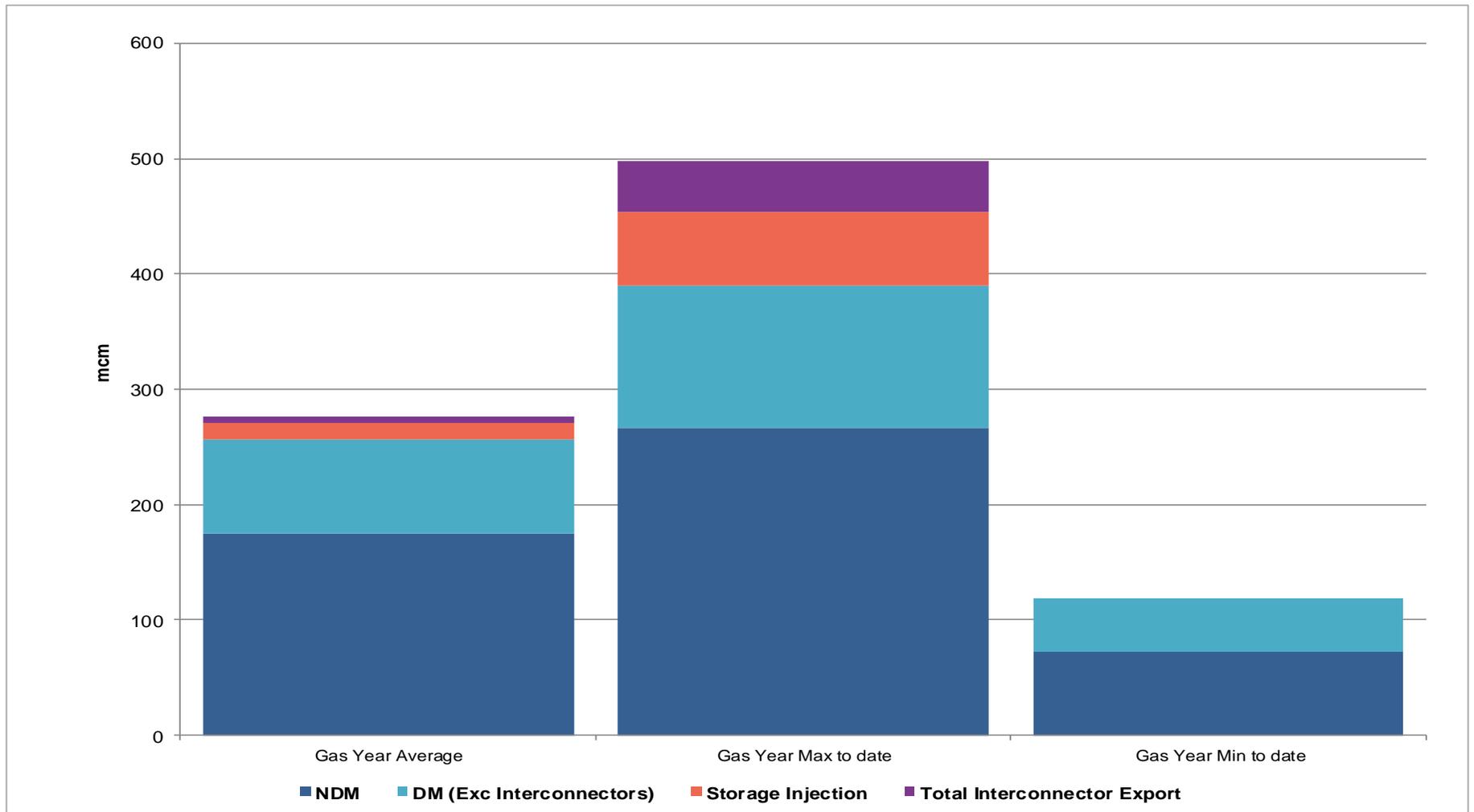
Gas Demand Breakdown (bcm)

1st October 2017 to 31st January 2018 vs Same Period in Previous Years



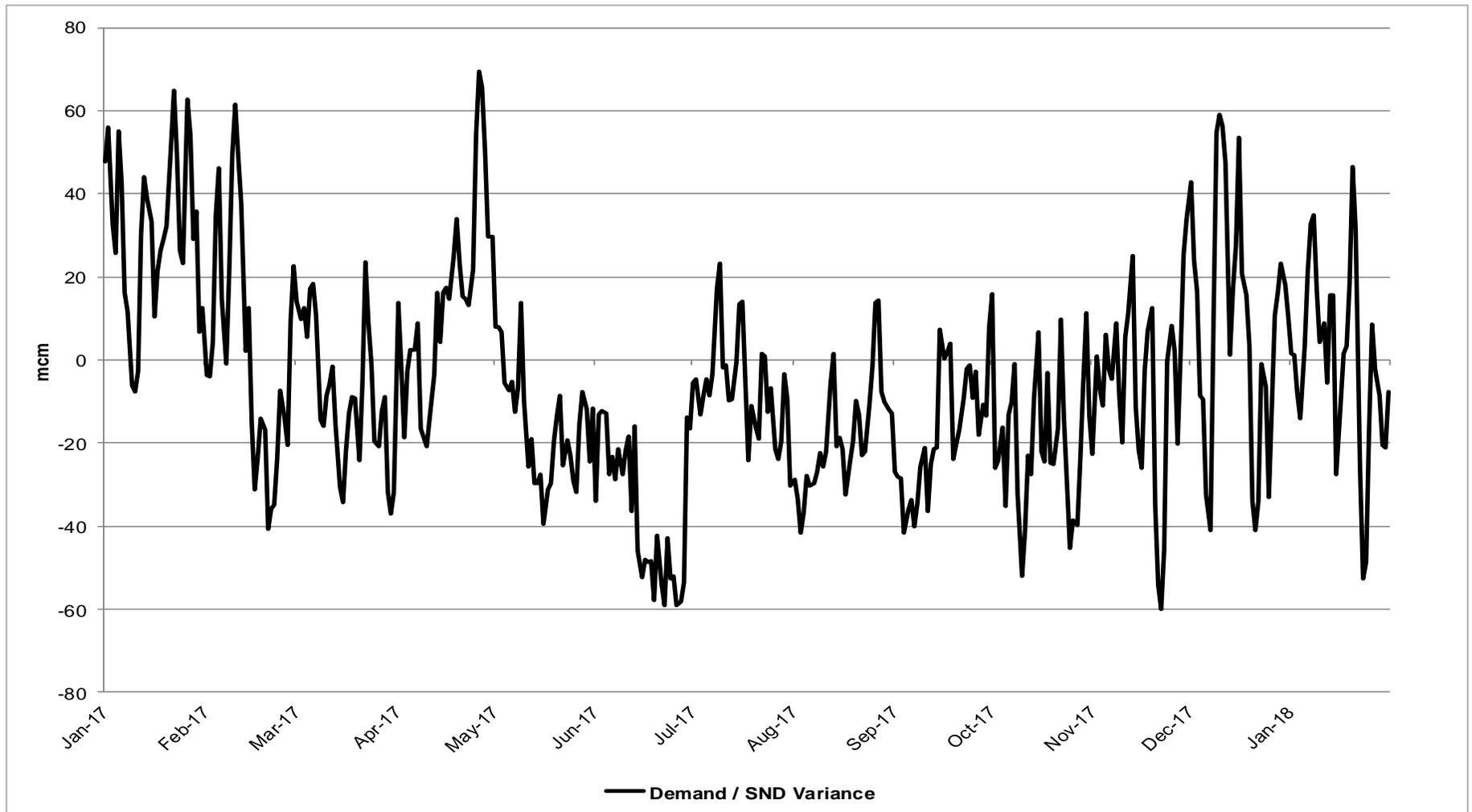
Gas Demand Statistics

1st October 2017 to 31st January 2018



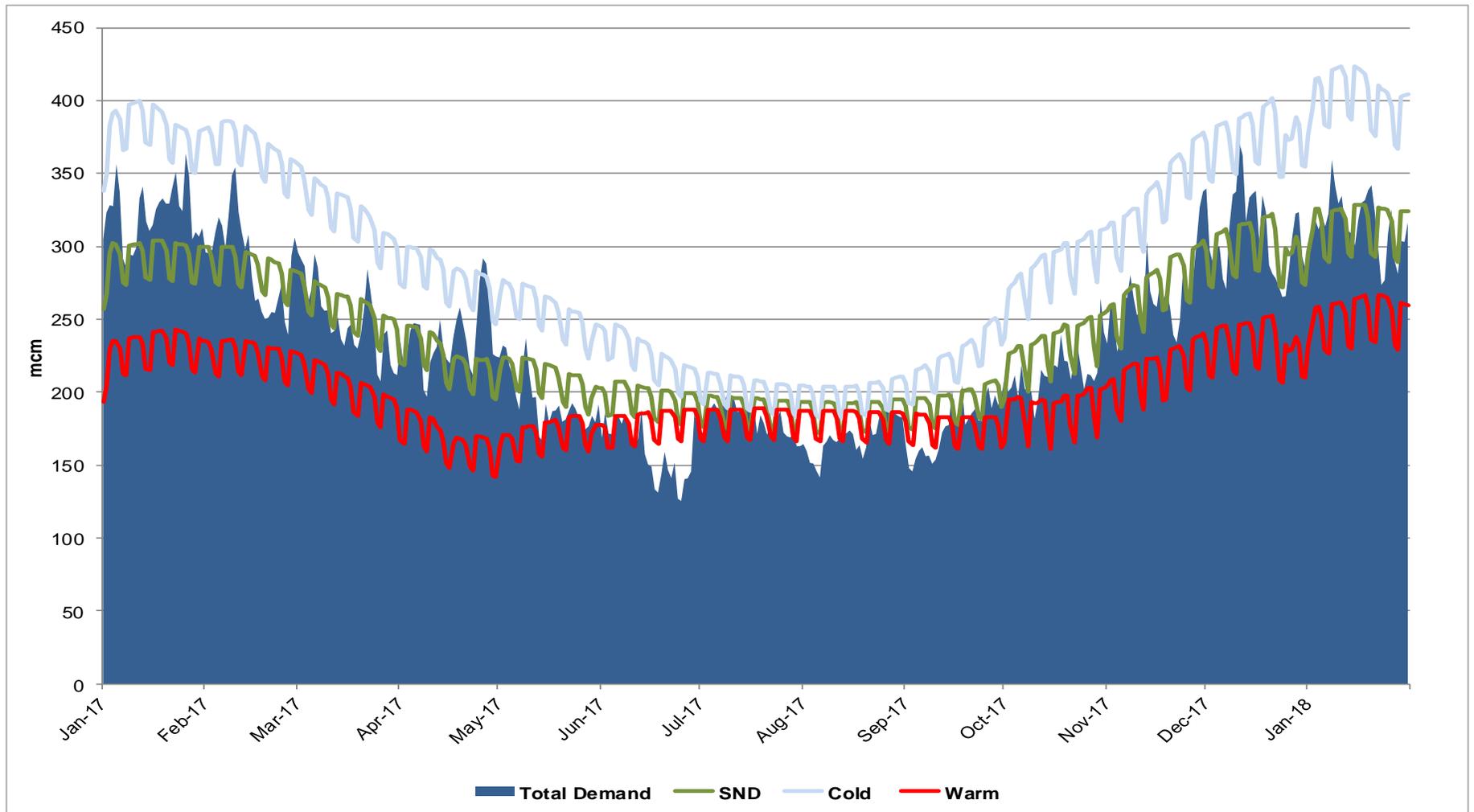
Demand Variance from SND

1st January 2017 to 31st January 2018



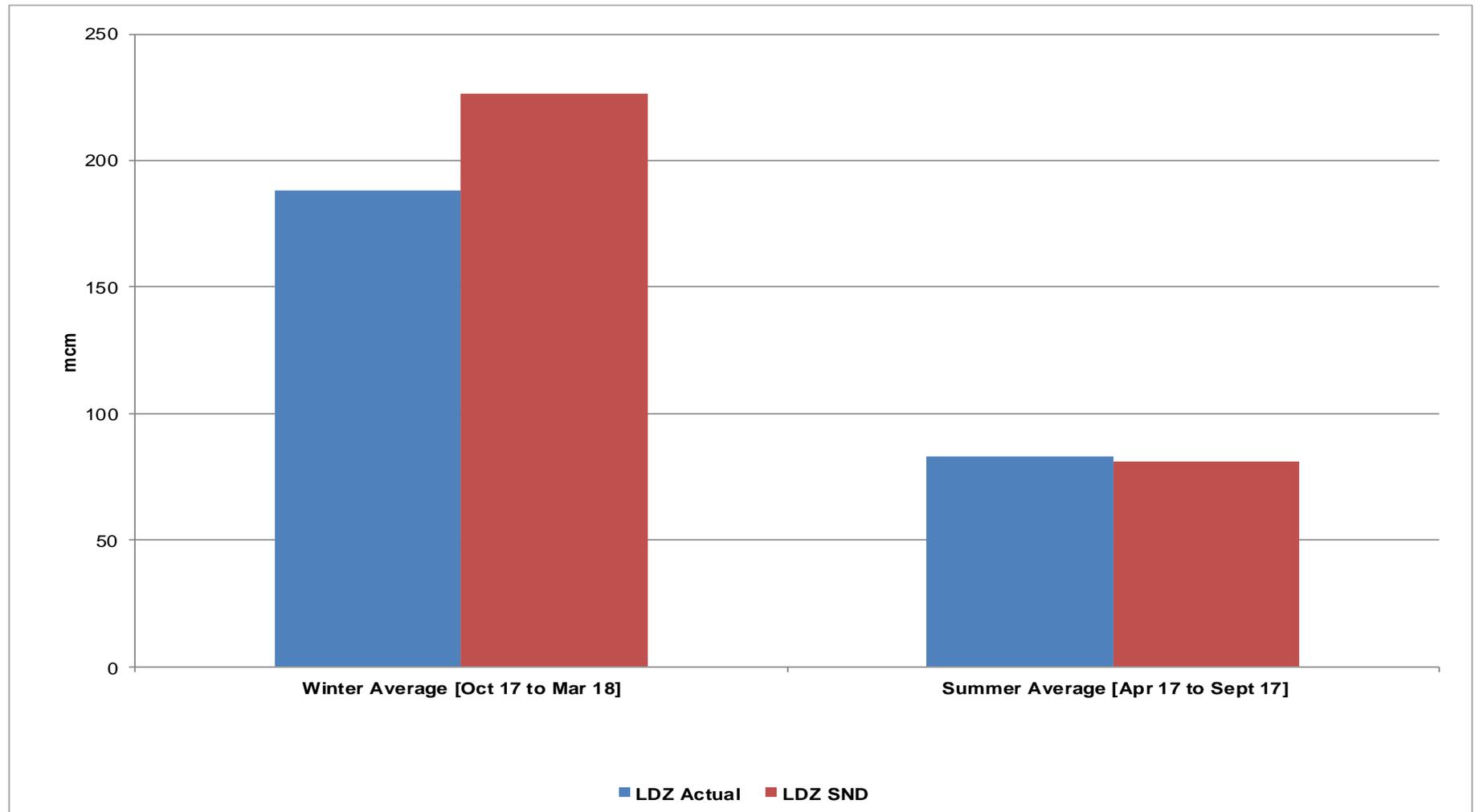
Gas Demand Vs SND / Cold / Warm

1st January 2017 to 31st January 2018



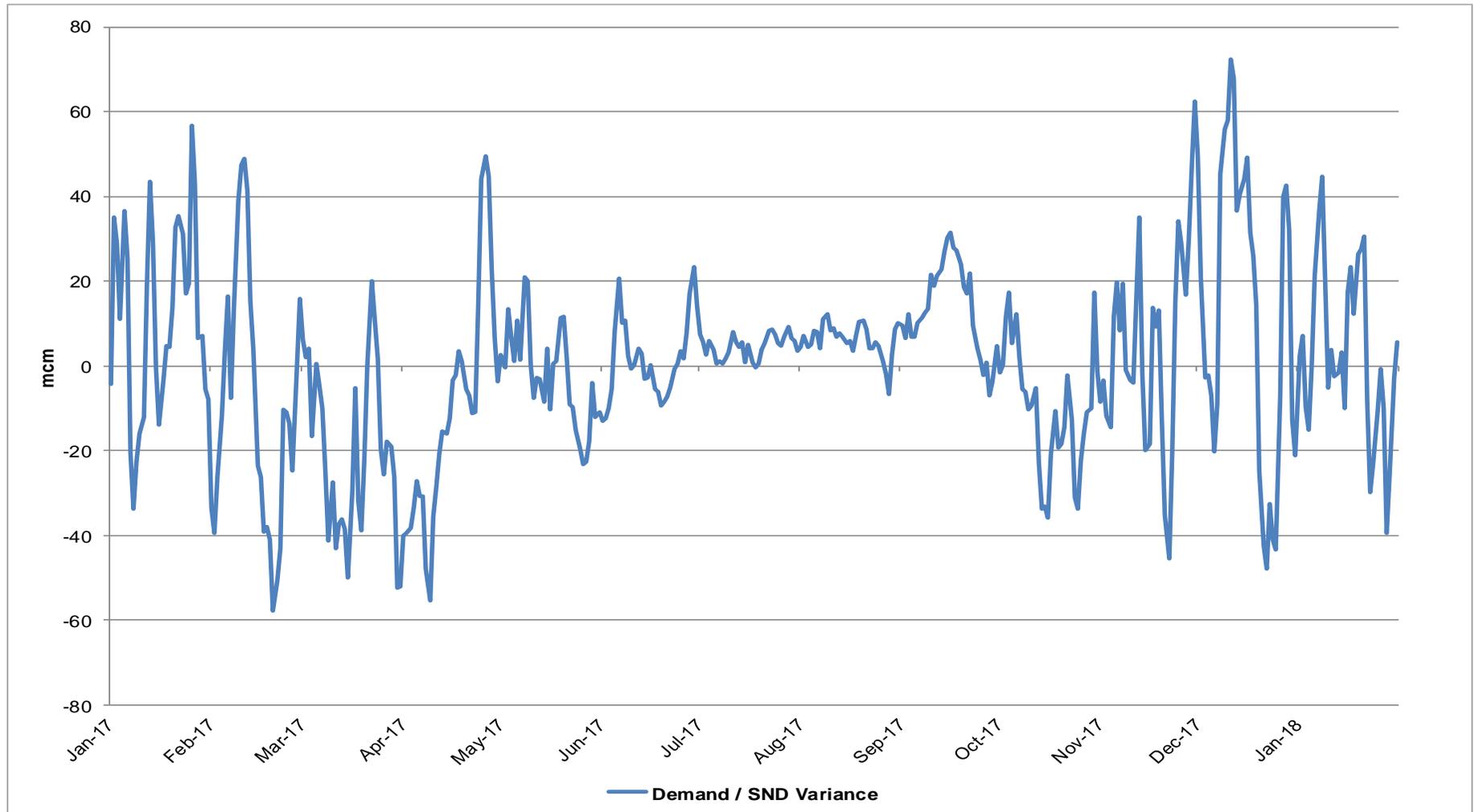
LDZ Actual Demand Vs LDZ SND

1st October 2017 to 31st January 2018



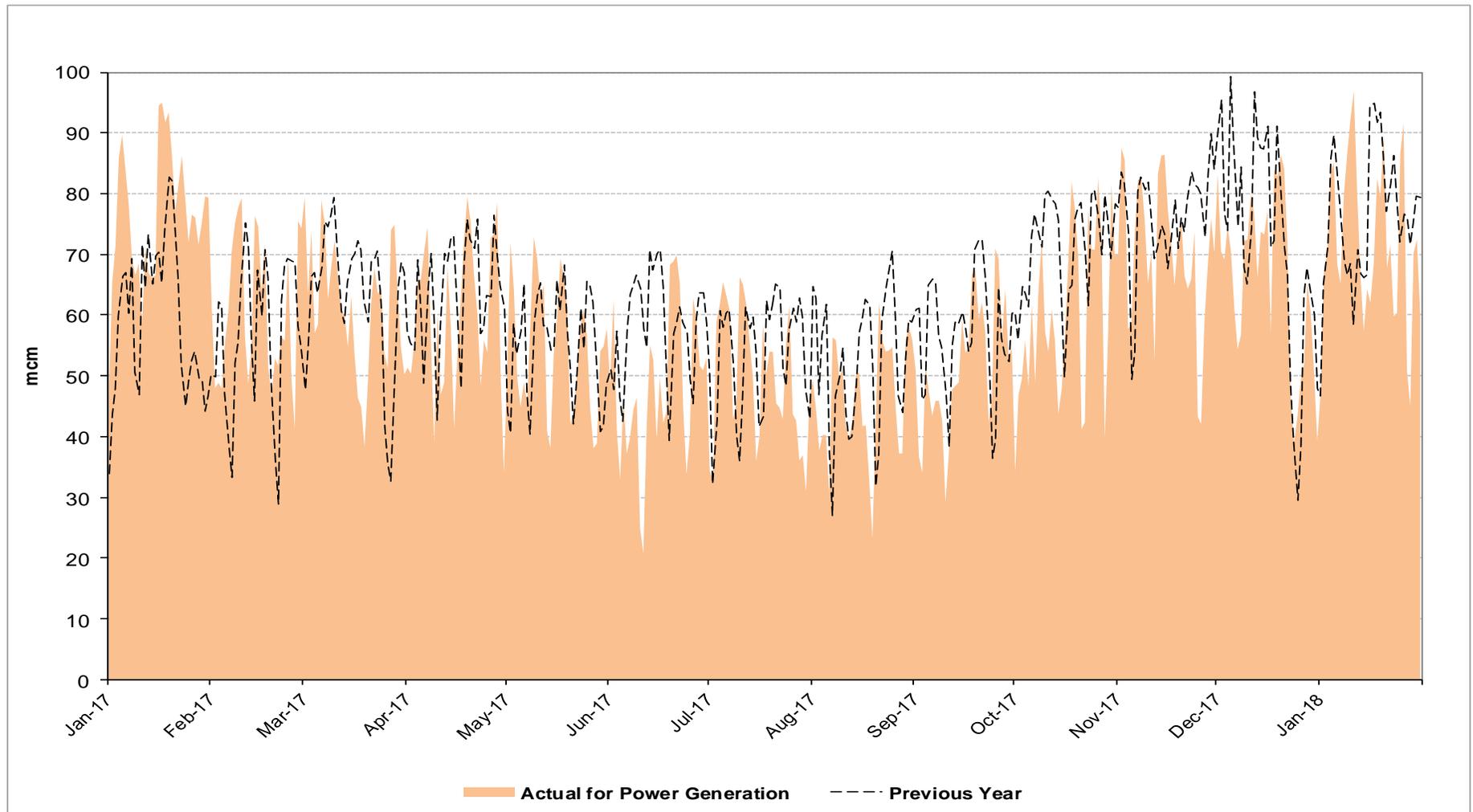
LDZ Demand / LDZ SND Variance

1st January 2017 to 31st January 2018



Gas Consumption for Power Generation

1st January 2017 to 31st January 2018

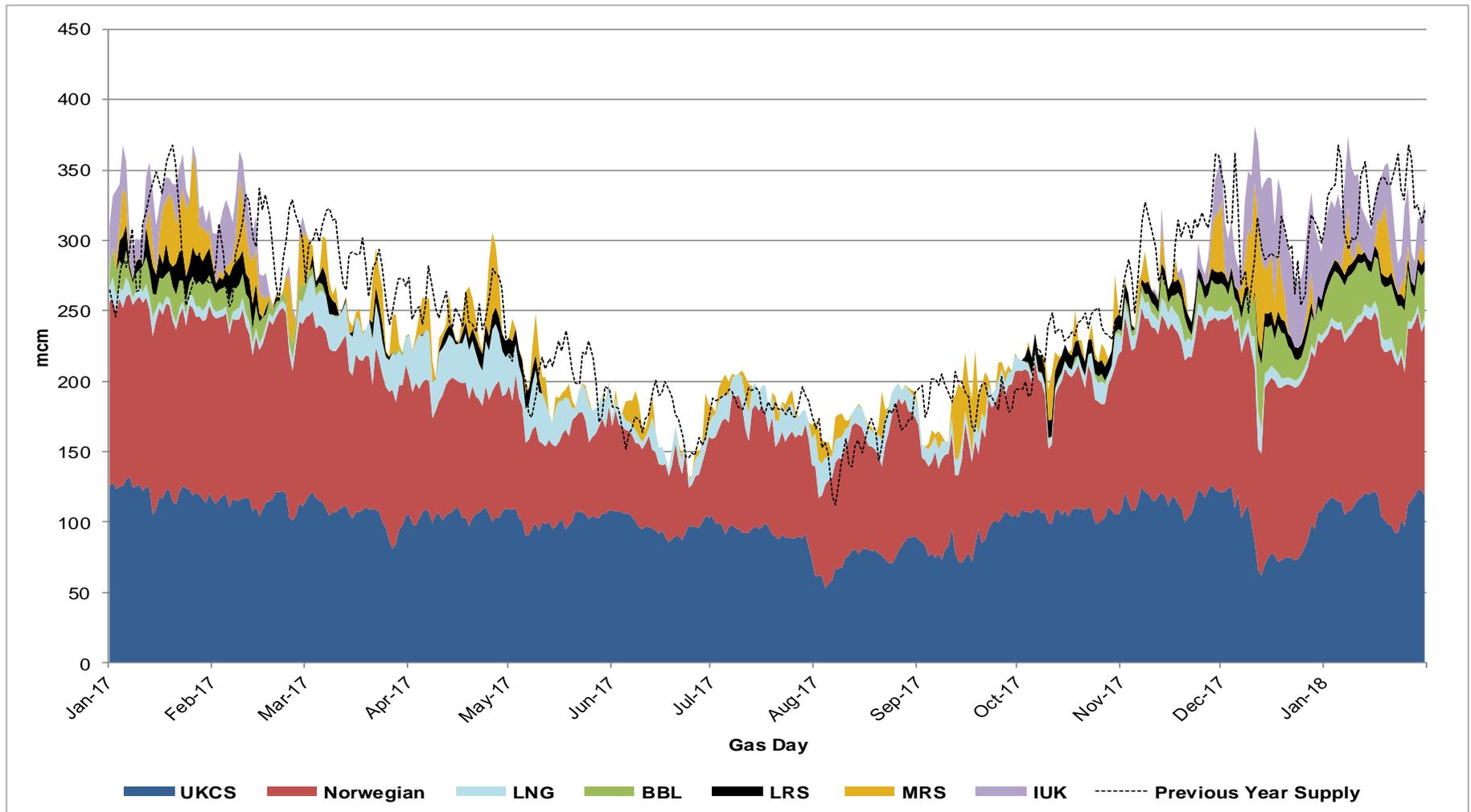


Supplies



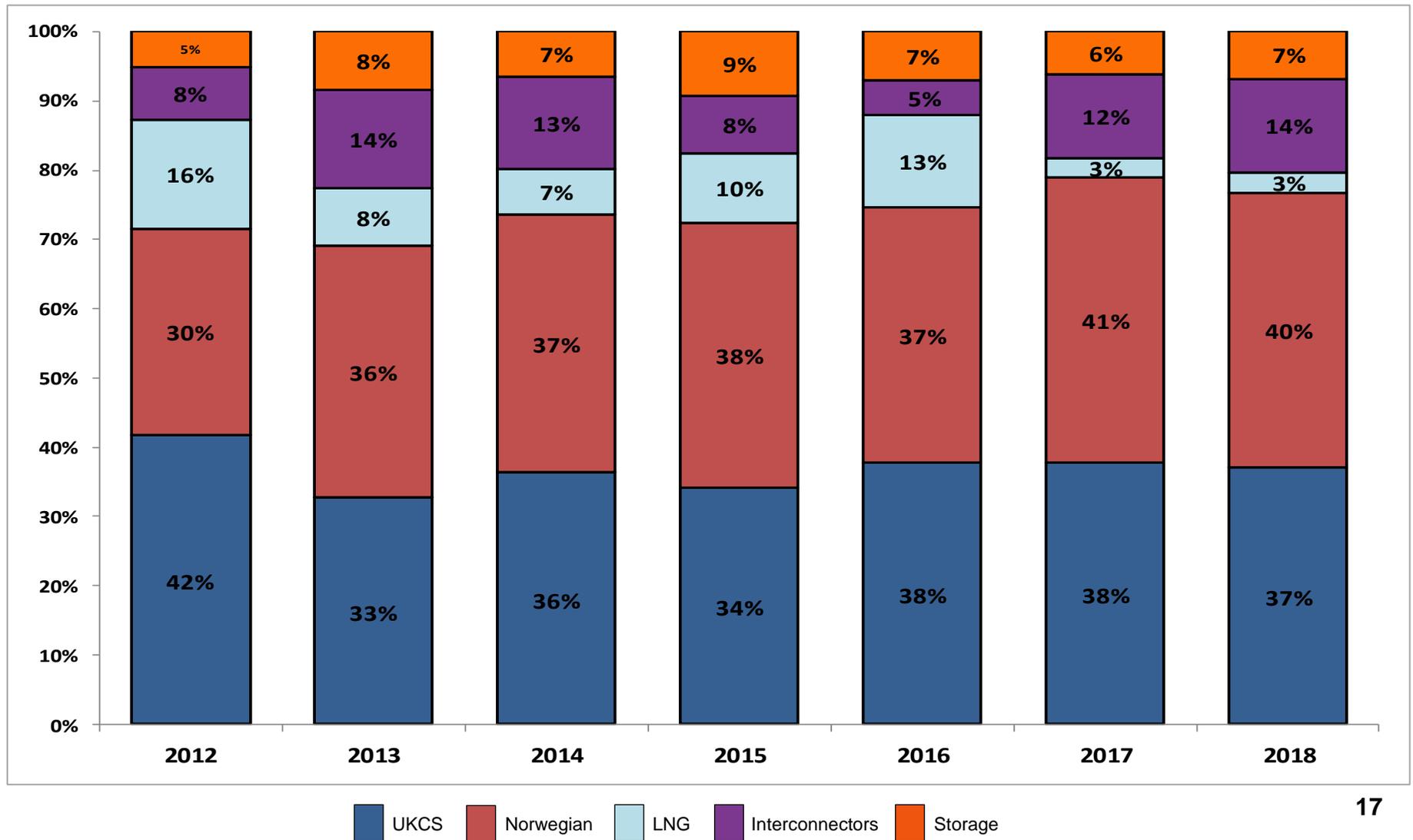
Gas Supply Breakdown

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



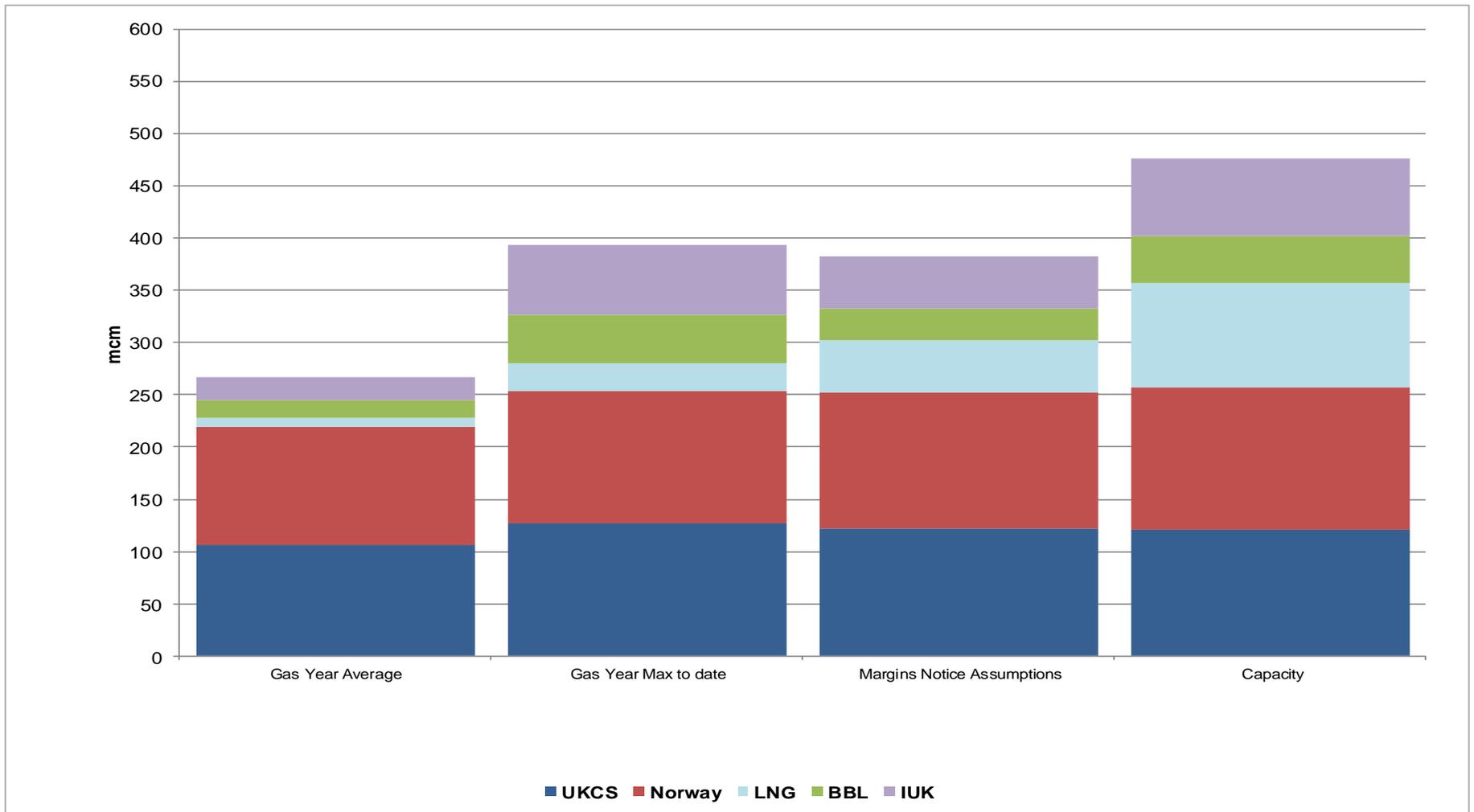
Gas Supply Breakdown

1st October 2017 to 31st January 2018 vs Same Period in Previous Years



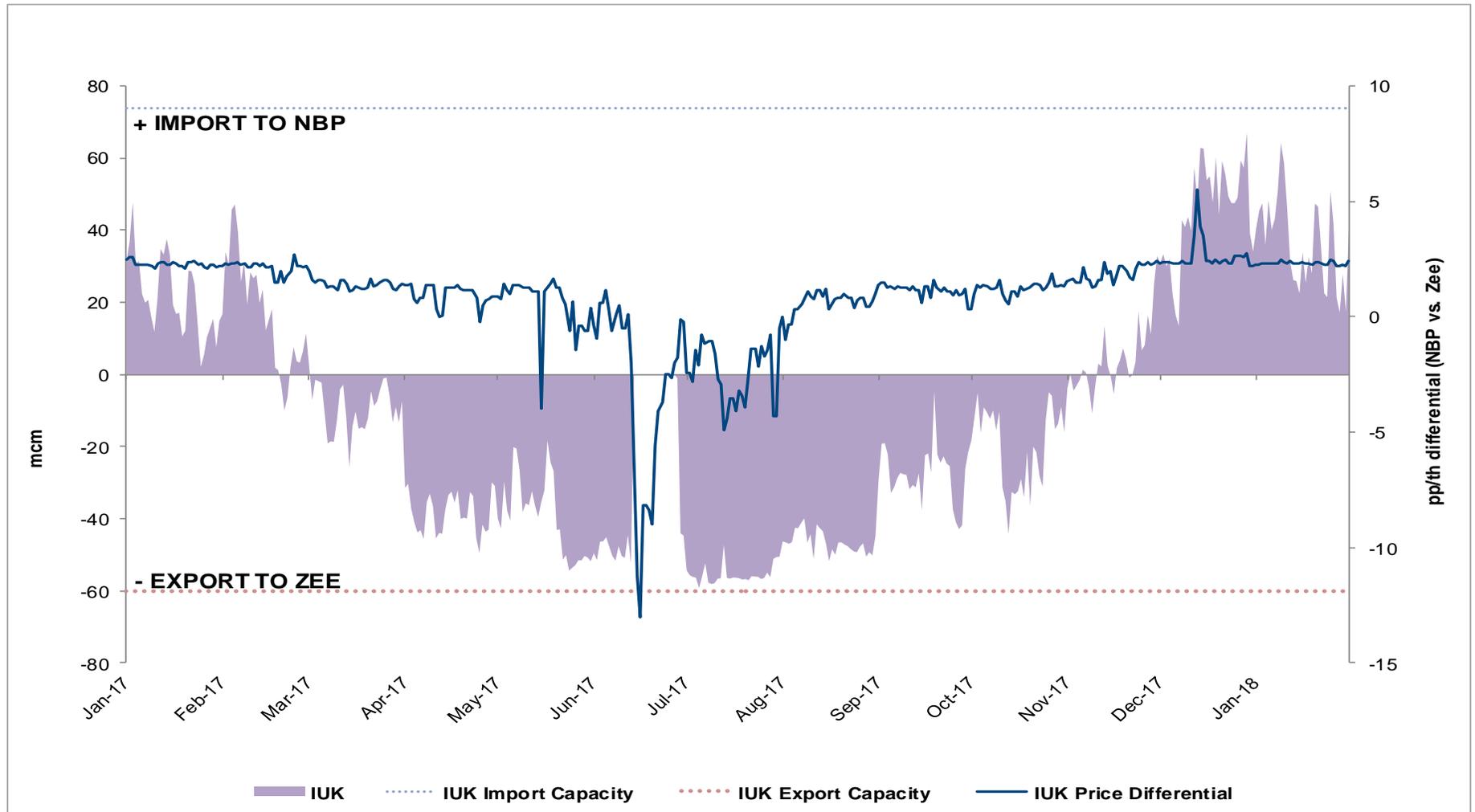
NSS (Non Storage Supply)

1st October 2017 to 31st January 2018



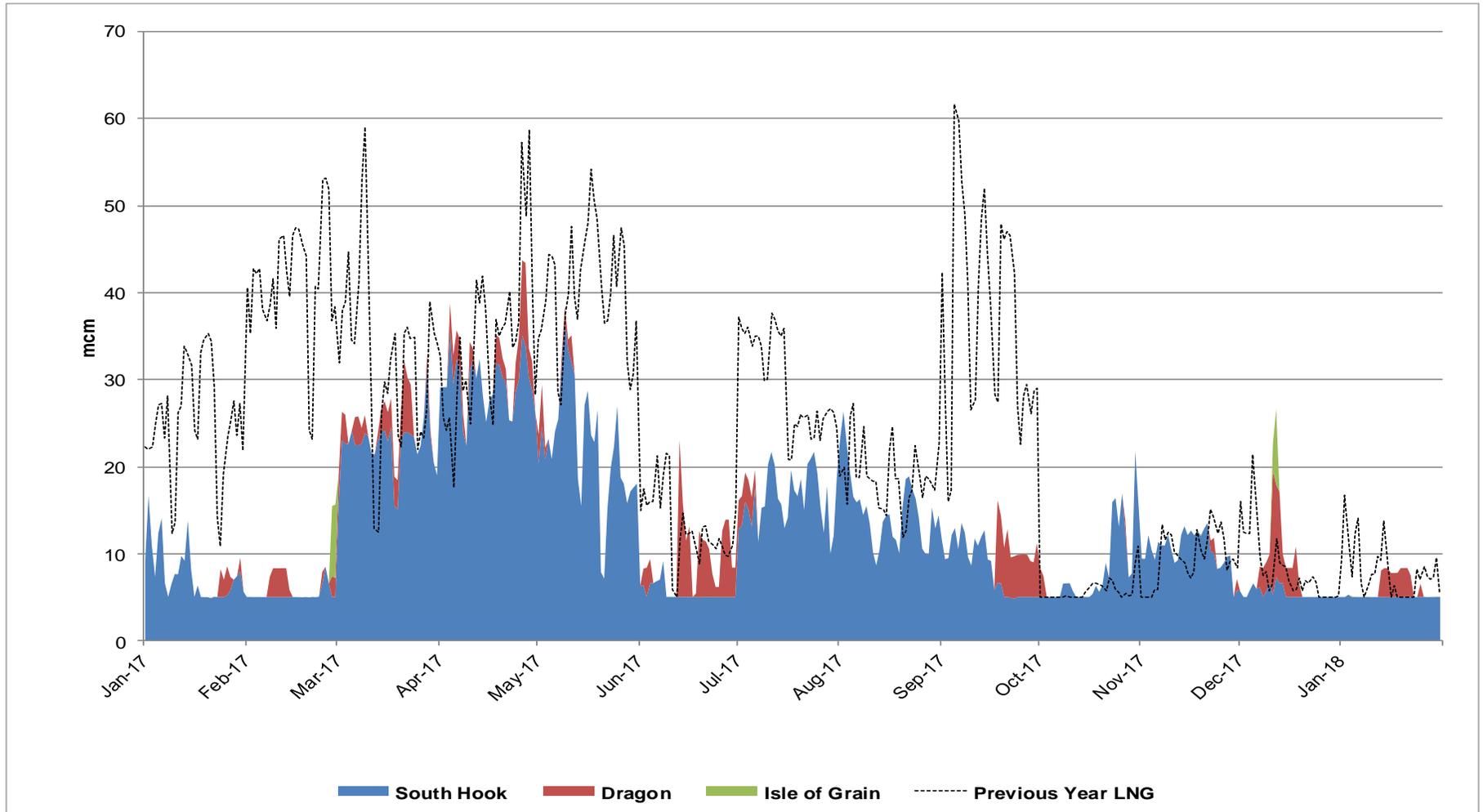
IUK Flows vs NBP & ZEE Price Differential

1st January 2017 to 31st January 2018



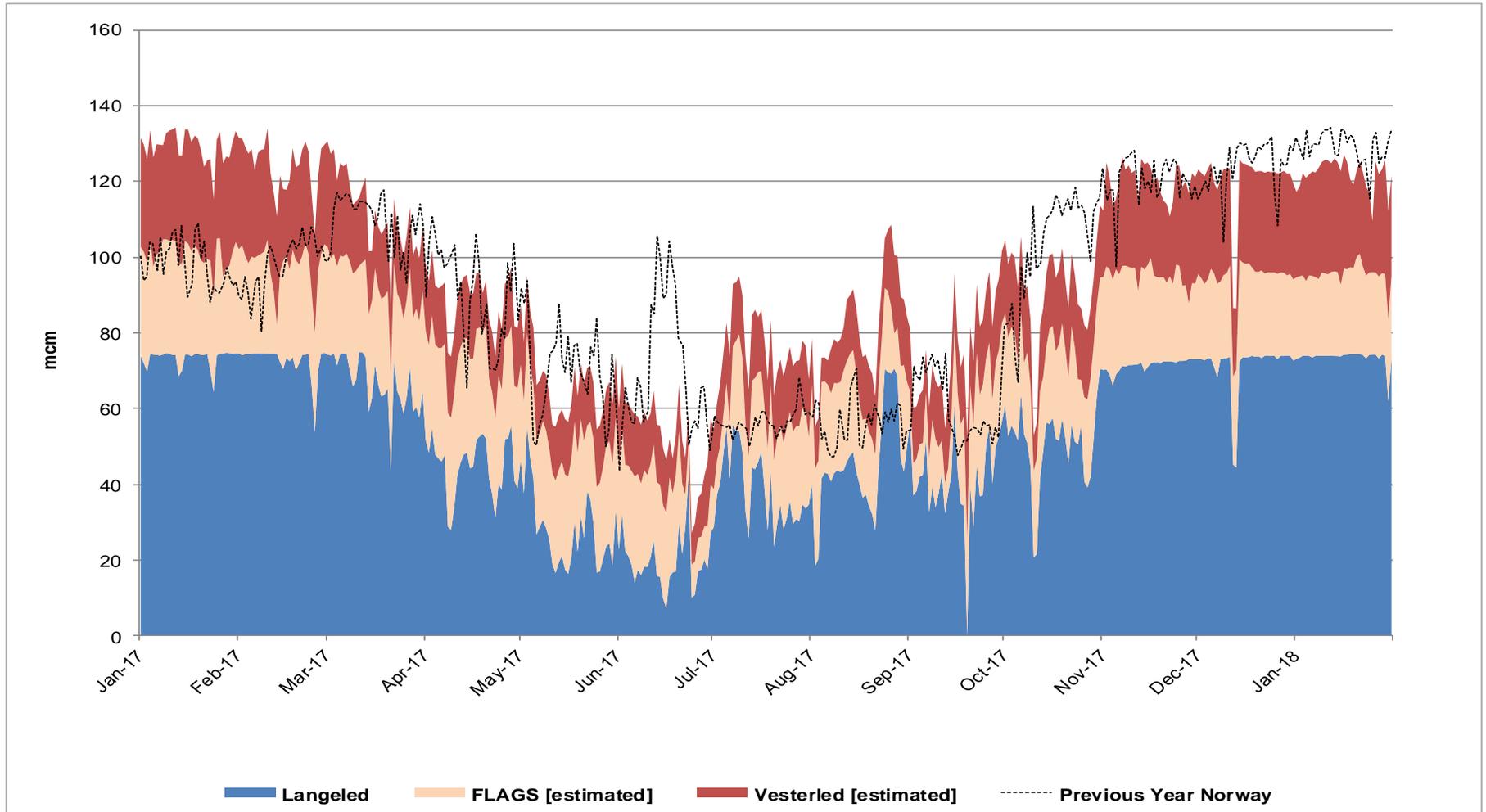
LNG Terminal Flows

1st January 2017 to 31st January 2018



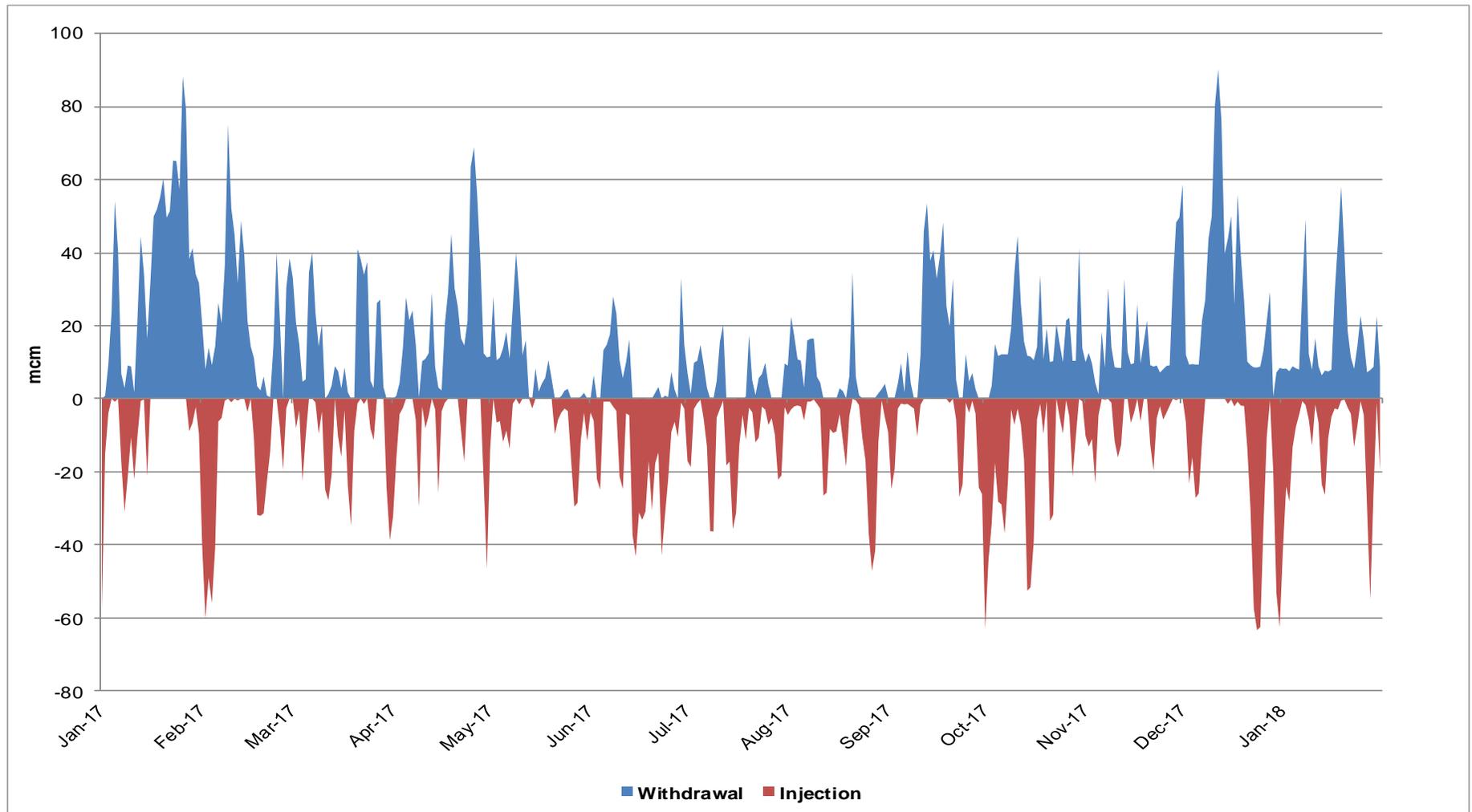
Norwegian Flows

1st January 2017 to 31st January 2018



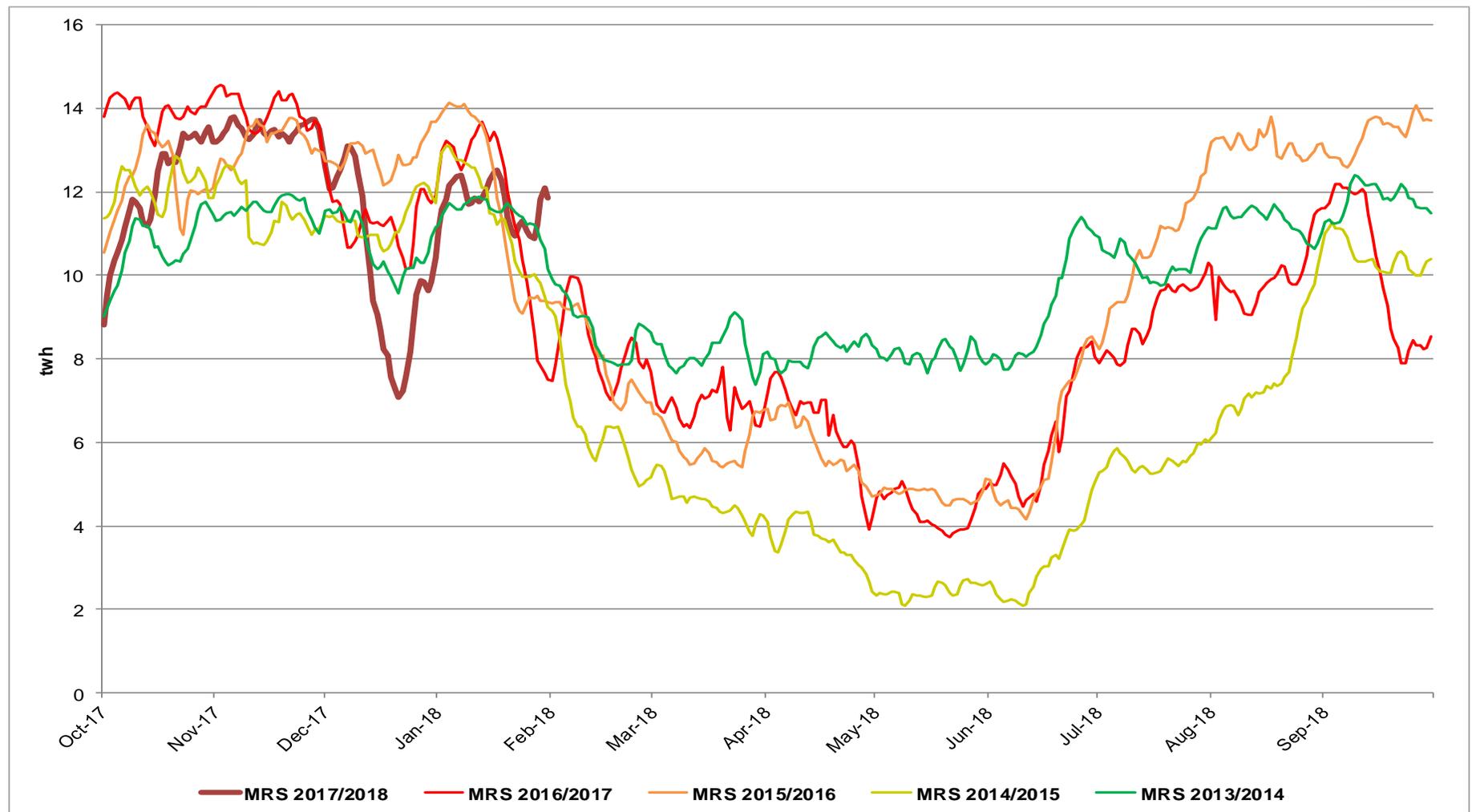
Storage Withdrawal vs Injection

1st January 2017 to 31st January 2018



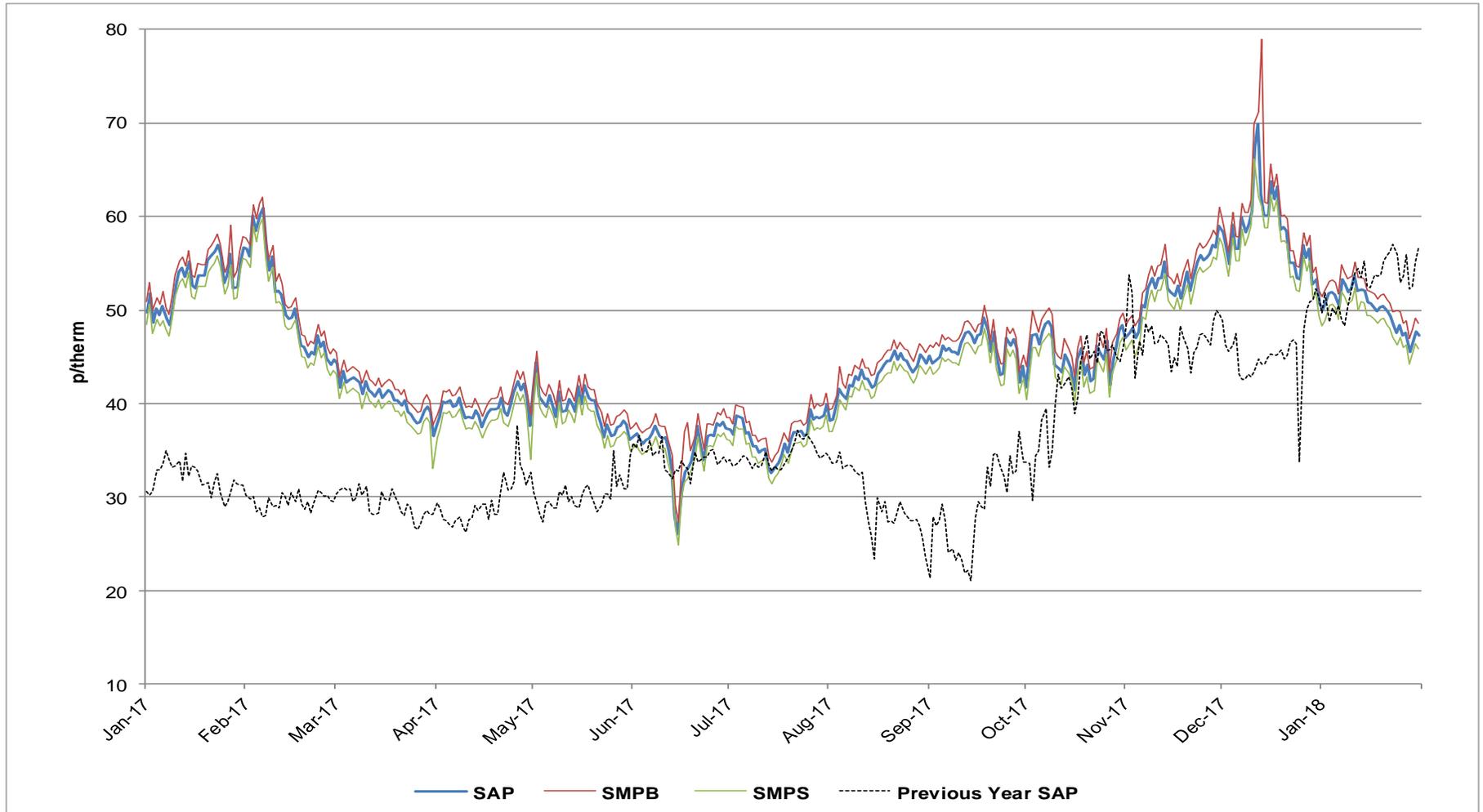
Medium Range Storage Stocks (MRS)

1st October 2017 to 31st October 2018 vs Previous Years



UK Gas Prices

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



What Operational Issues Affected Users?



Transporter Actions and Neutrality

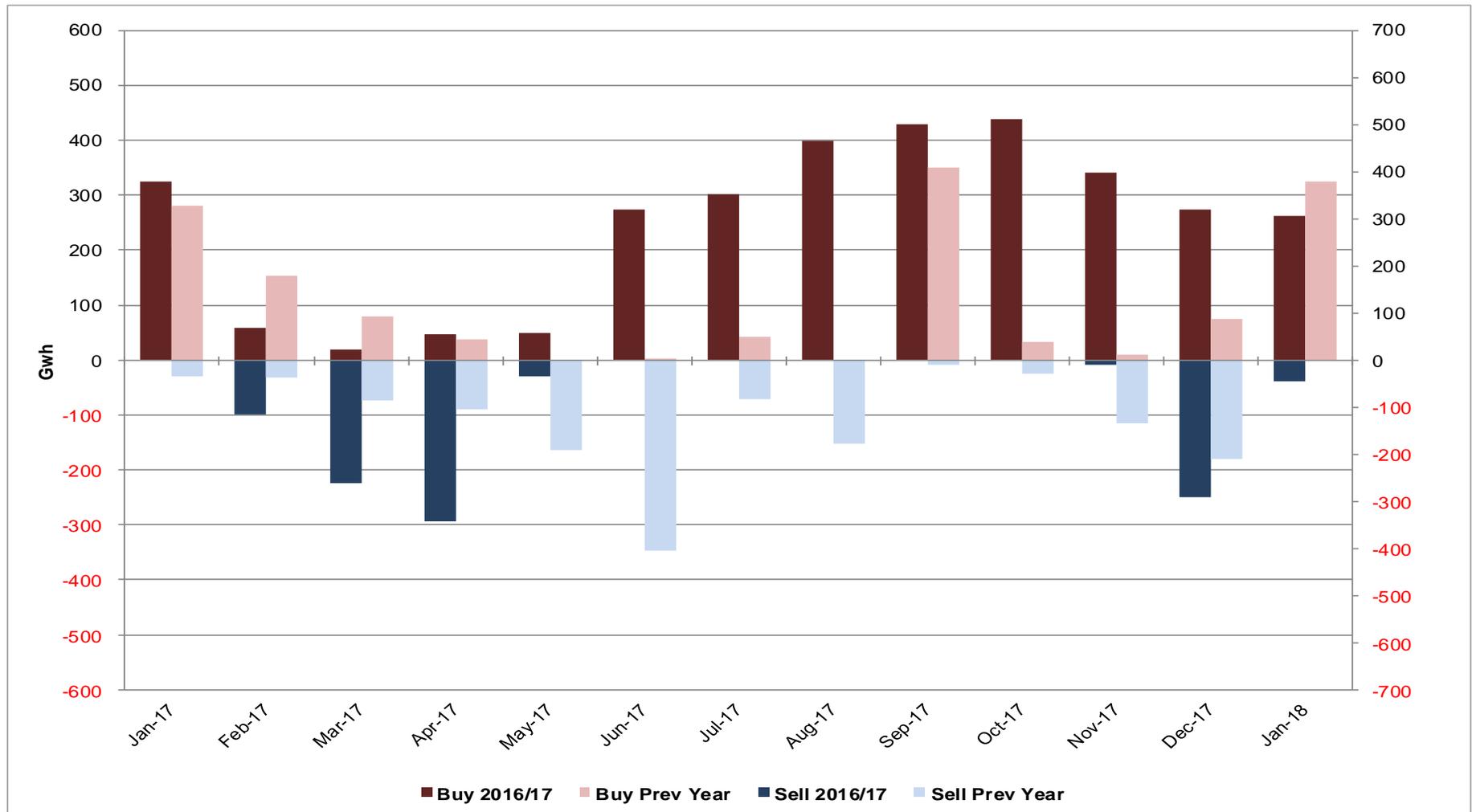


- Energy Balancing
- Capacity

Transporter Energy Traded on the OCM

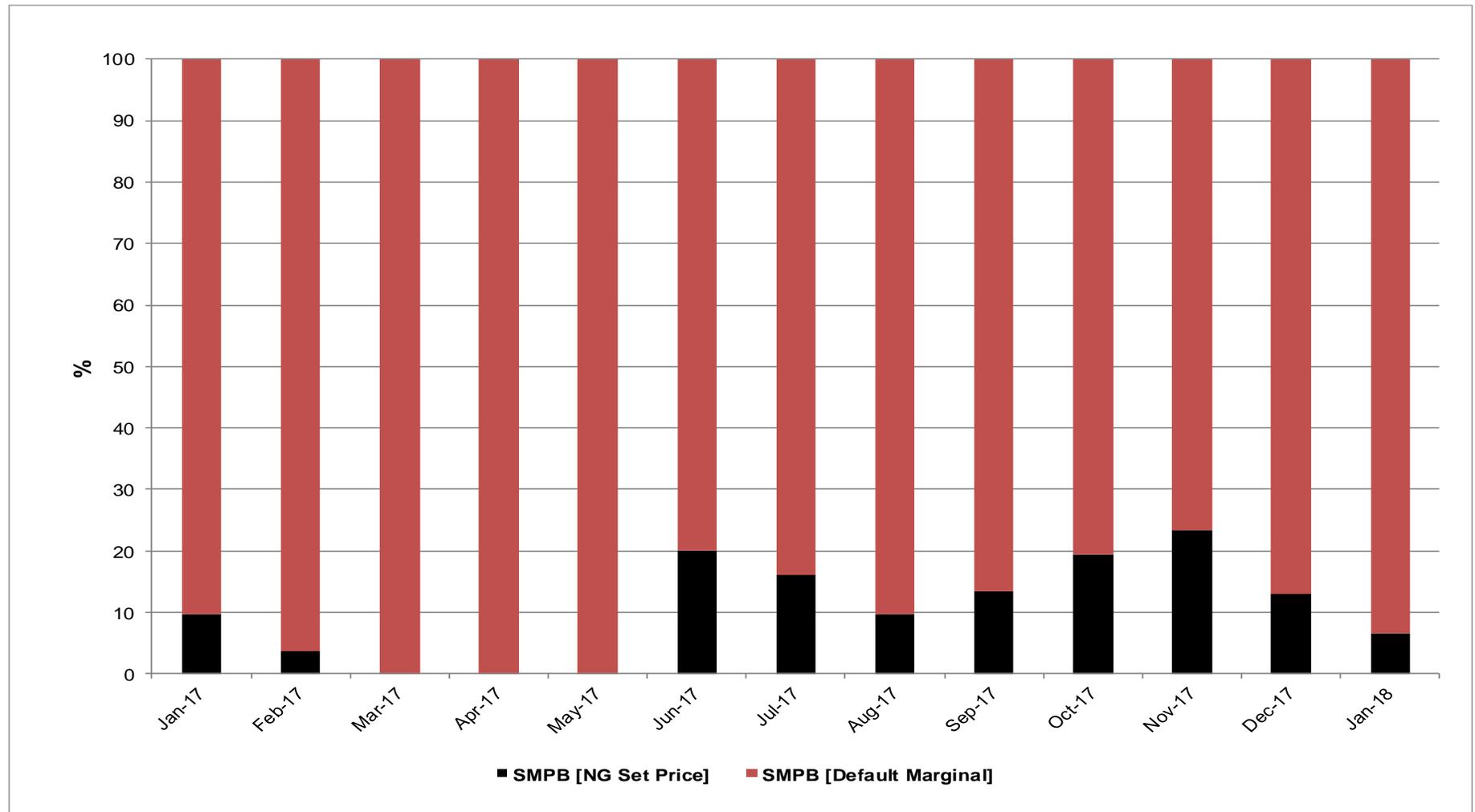
NGG Monthly Buys and Sells

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



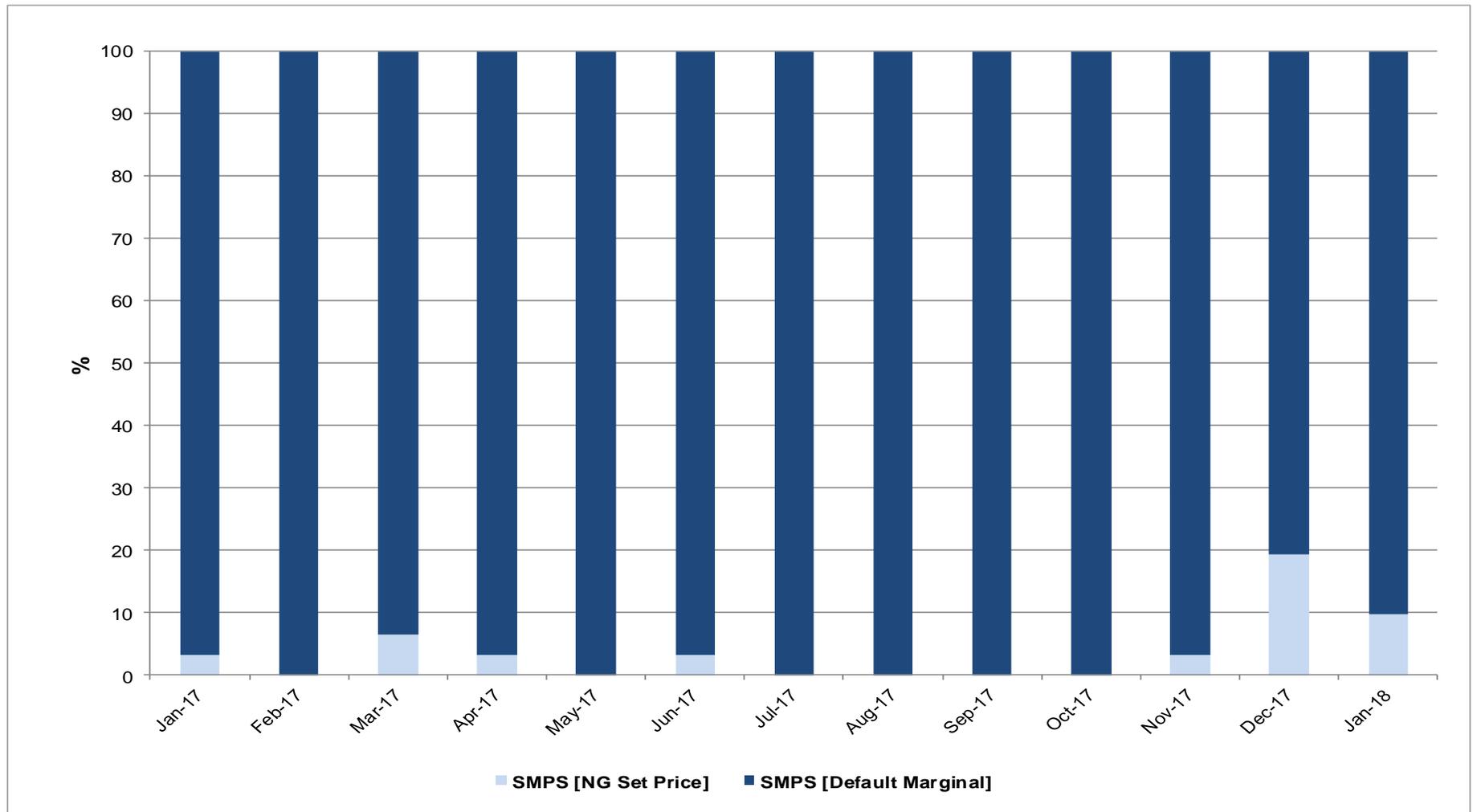
Days of Default SMP Prices (SMPB)

January 2017 to January 2018



Days of Default SMP Prices (SMPS)

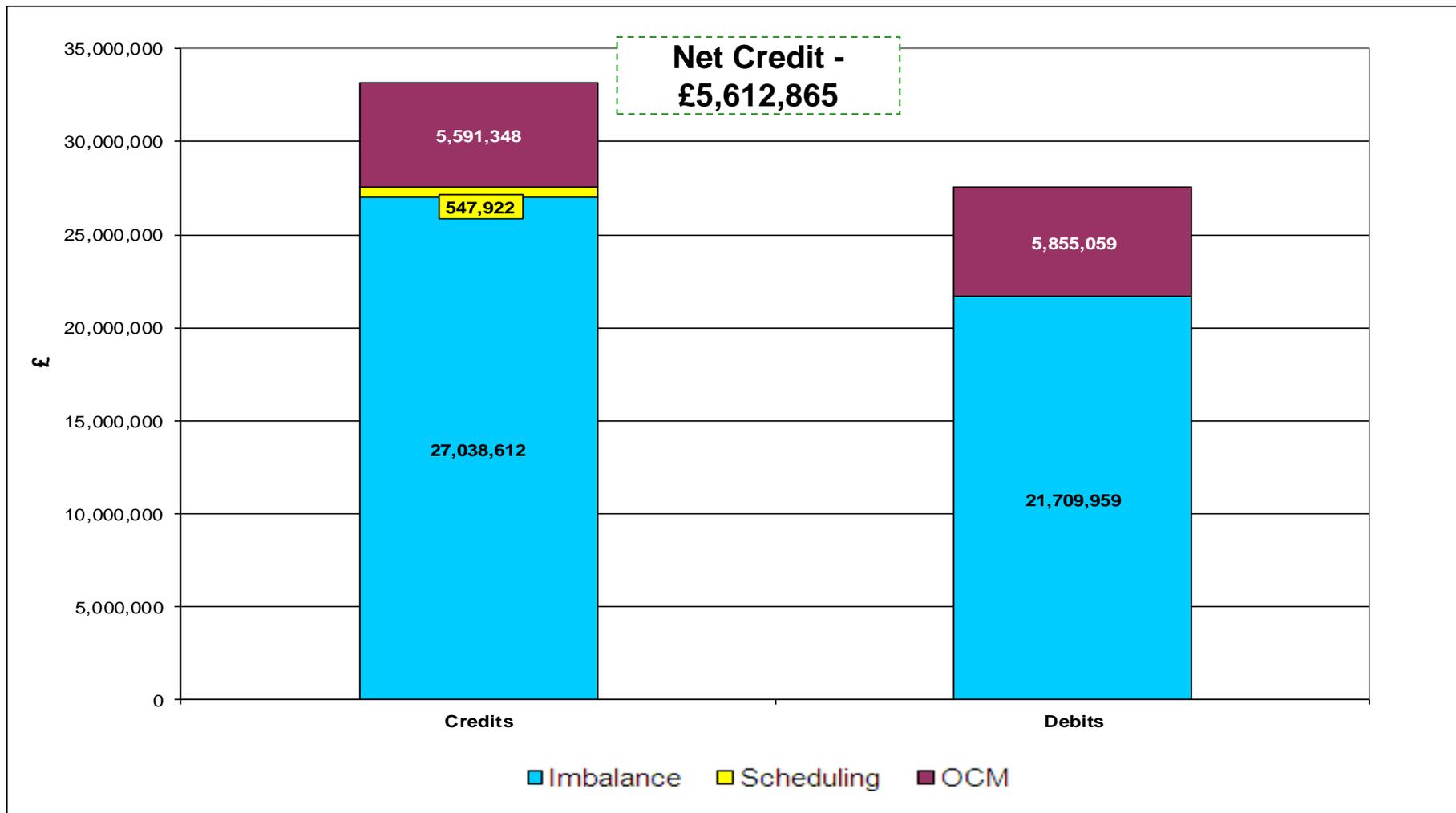
January 2017 to January 2018



Energy Balancing - Balancing Costs

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

December 2017



Energy Balancing - Balancing Costs

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

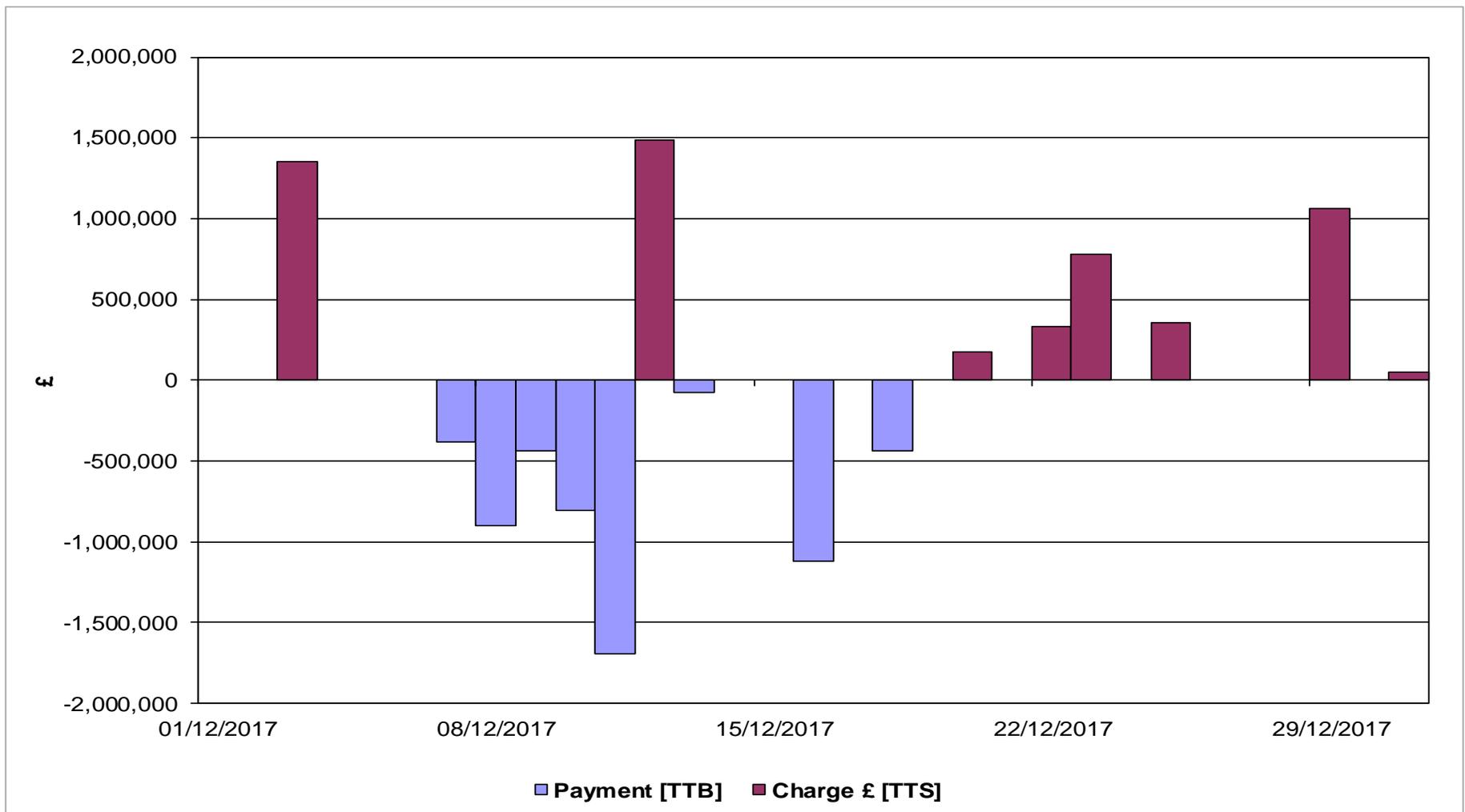
December 2017

		Oct-17
Imbalance	Payment £ [DCS]	-21,709,959
	Charge £ [DCT]	27,038,612
Scheduling	Exit Charge £ [DXS]	4,528
	Exit Charge £ [EXS]	157,323
	Entry Charge £ [ESC]	386,070
OCM	Payment £ [TTB]	-5,855,059
	Charge £ [TTS]	5,591,348
Balancing Costs		5,612,865

Energy Balancing - Balancing Costs

OCM Payments / Charges

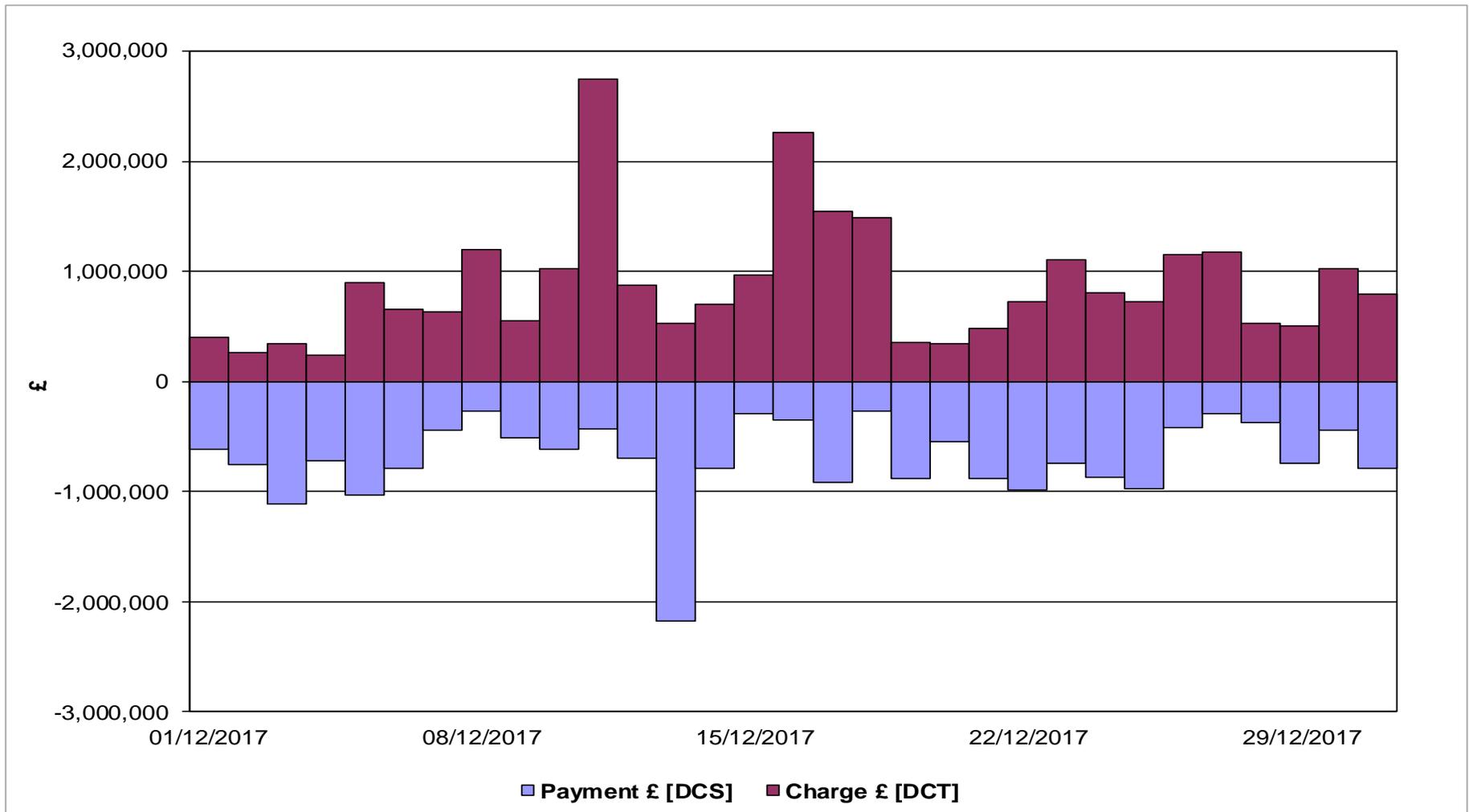
December 2017



Energy Balancing - Balancing Costs

Imbalance Payments / Charges

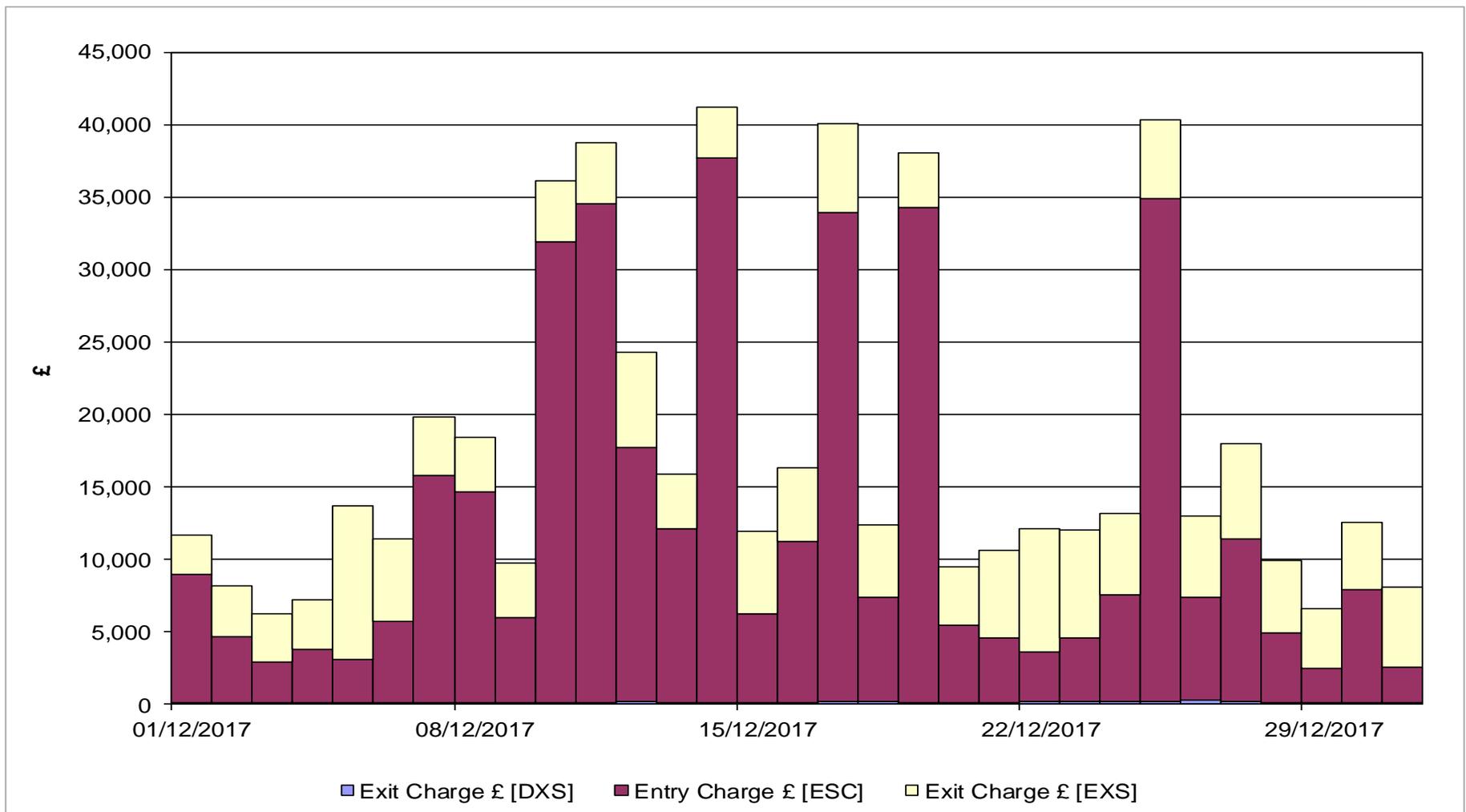
December 2017



Energy Balancing - Balancing Costs

Scheduling Charges

December 2017



Capacity Neutrality Net Cost / Revenue

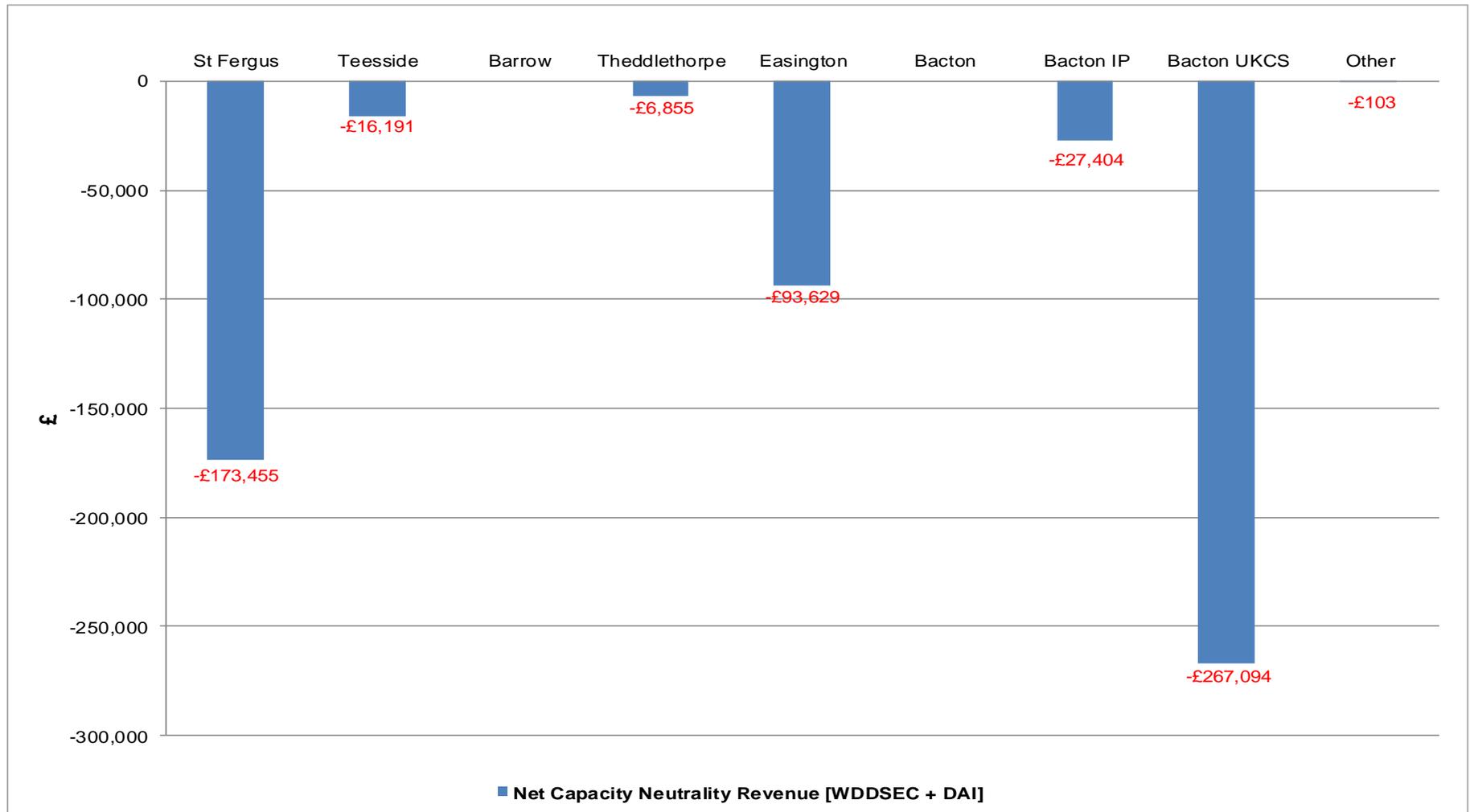
1st April 2017 to 31st January 2018

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£692,210
Total Entry Constraint Management Operational Costs	£428,979
Entry Capacity Overrun Revenue*	-£1,750,097
Non-Obligated Sales Revenue (Entry only)	-£86,953
Revenue from Locational Sells and PRI Charges	-£0
Net Revenue	-£2,100,281

*Excludes October 2017

Net Capacity Neutrality Revenue

1st April 2017 to 31st January 2018



Capacity Neutrality

1st April 2017 to 31st January 2018

Month	Entry Cap Overrun Revenue	Non-obligated sales revenue (entry)	Month	Locational Sells and PRI charges revenue
Apr-17	-£560,278	-£108	Apr-17	£0
May-17	-£688,597	-£538	May-17	£0
Jun-17	-£147,532	-£308	Jun-17	£0
Jul-17	-£42,213	-£76	Jul-17	£0
Aug-17	-£30,804	-£10	Aug-17	£0
Sep-17	-£65,841	-£248	Sep-17	£0
Oct-17	-£21,076	-£9,254	Oct-17	£0
Nov-17	-£37,873	-£12,071	Nov-17	£0
Dec-17	-£155,884	-£12,302	Dec-17	£0
Jan-18		-£52,039	Jan-18	
Feb-18			Feb-18	
Mar-18			Mar-18	
Total	-£1,750,097	-£86,953	Total	£0 (FY17/18)