Gas System Operator

Gas Operational Forum

London Radisson Grafton
27th September 2018

nationalgrid

Gas System Operator

Gas Prices, Transporter Actions and Neutrality

September 2018

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Summary Report

YEAR TO DATE PERCENTAGES AGAINST BUYS AND SELLS FOR JUNE - AUGUST (2017 - 2018)

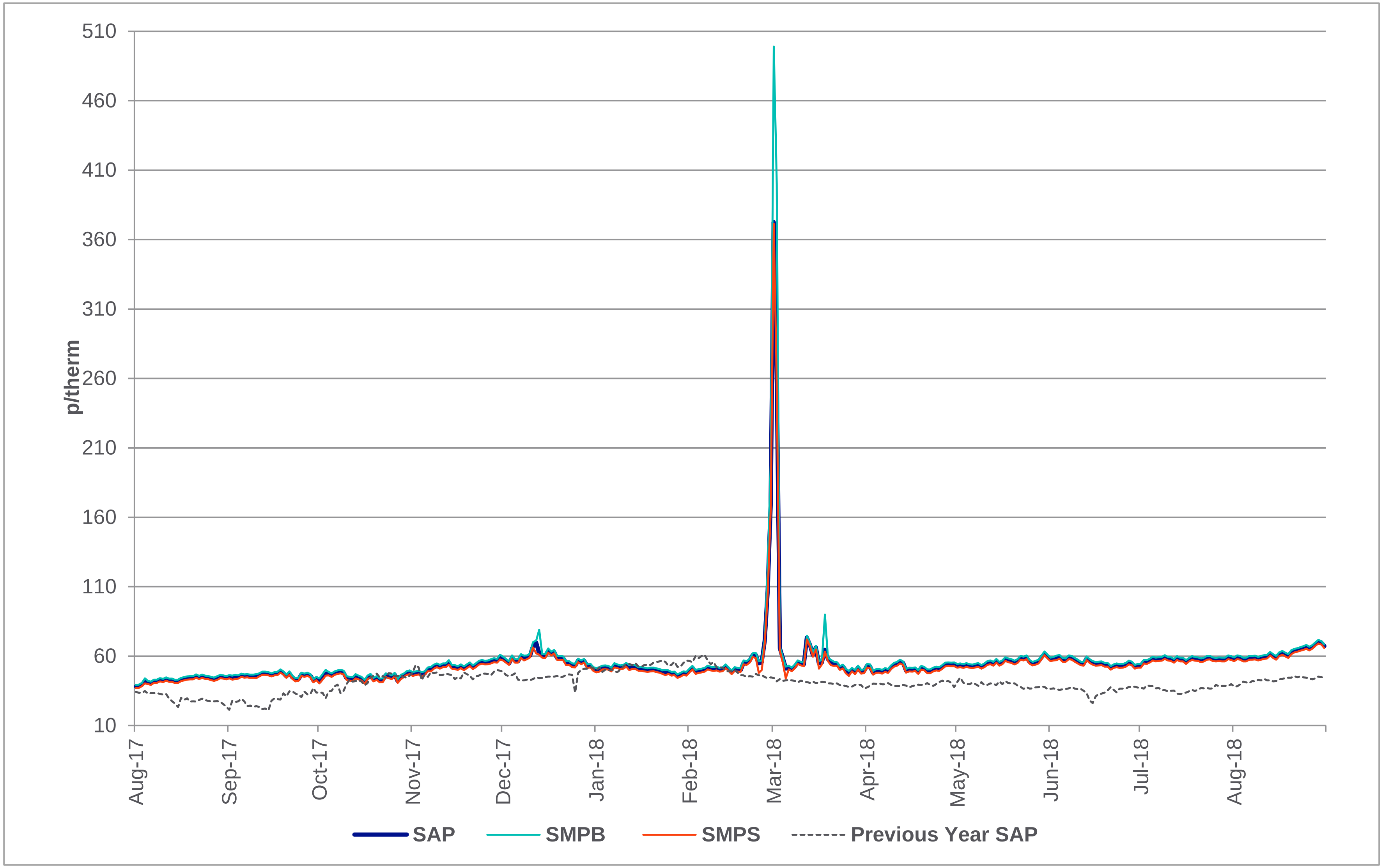
Jun-17			Jun-18		
No. of Balancing Actions YTD	**76**	Percentage	No. of Balancing Actions YTD	**137**	Percentage
Buys	40	53%	Buys	63	46%
Sells	36	47%	Sells	74	54%

Jul-17			Jul-18		
No. of Balancing Actions YTD	**92**	Percentage	No. of Balancing Actions YTD	**143**	Percentage
Buys	56	61%	Buys	63	44%
Sells	36	39%	Sells	80	56%

Aug-17			Aug-18		
No. of Balancing Actions YTD	**115**	Percentage	No. of Balancing Actions YTD	**160**	Percentage
Buys	79	69%	Buys	68	43%
Sells	36	31%	Sells	92	57%

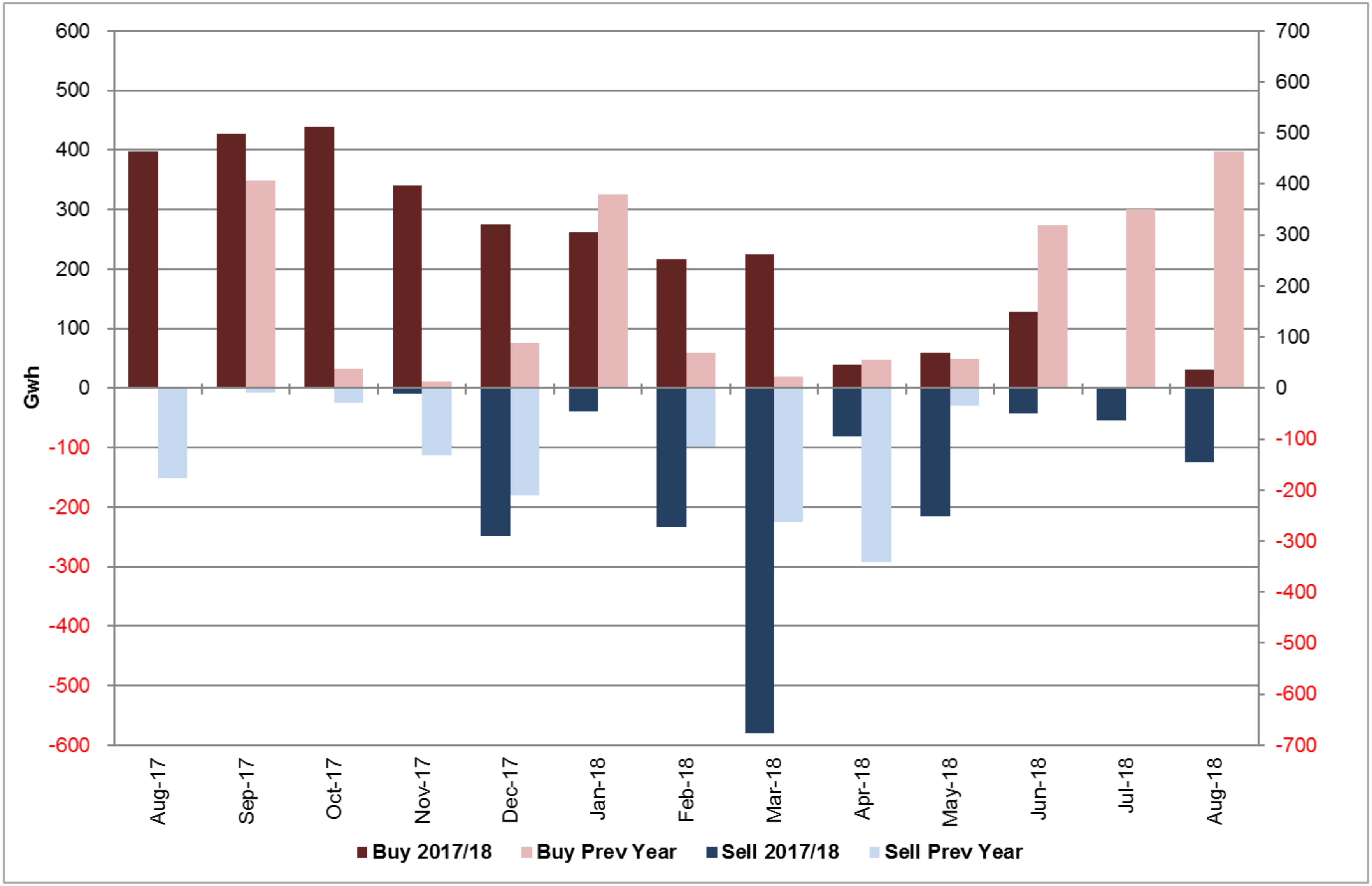
UK Gas Prices

1st August 2017 to 31 August 2018 vs Previous Year



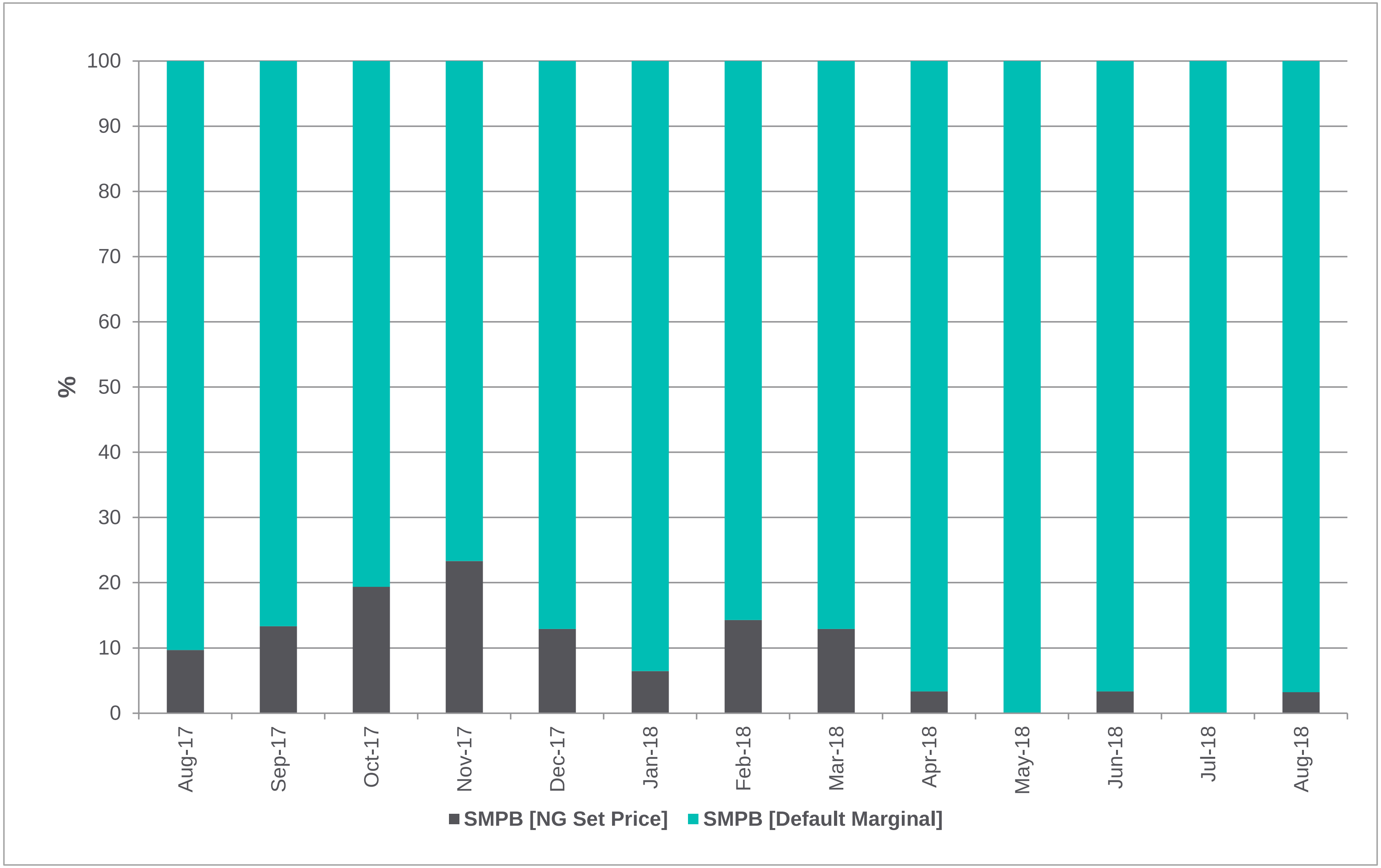
Transporter Energy Traded on the OCM

NGG Monthly Buys and Sells 1st August 2017 to 31st August 2018 vs Previous Year



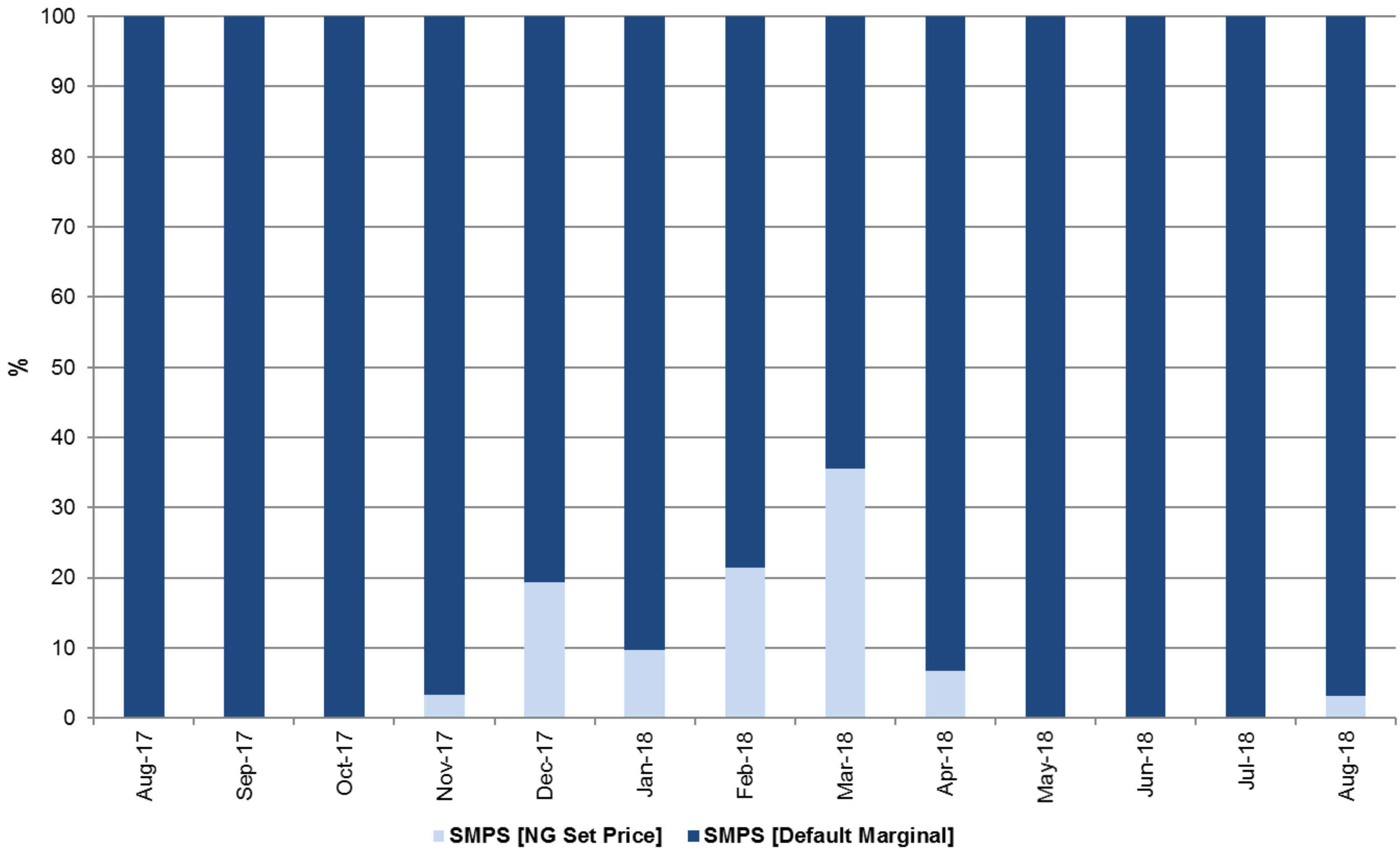
Days of Default SMP Prices (SMPB)

August 2017 to August 2018



Days of Default SMP Prices (SMPS)

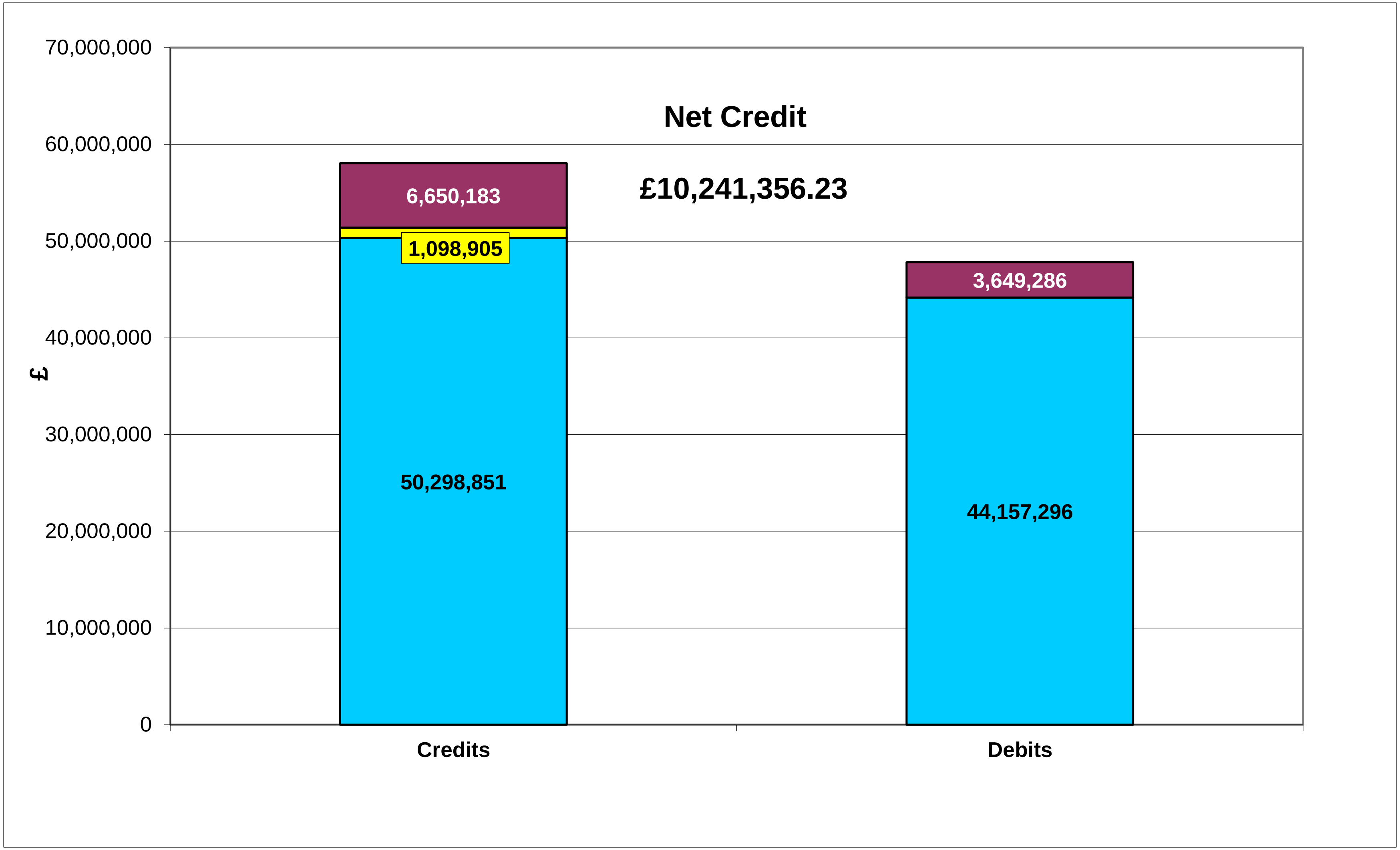
August 2017 to August 2018



Energy Balancing – Balancing Costs

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

May - July 2018



Energy Balancing – Balancing Costs

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

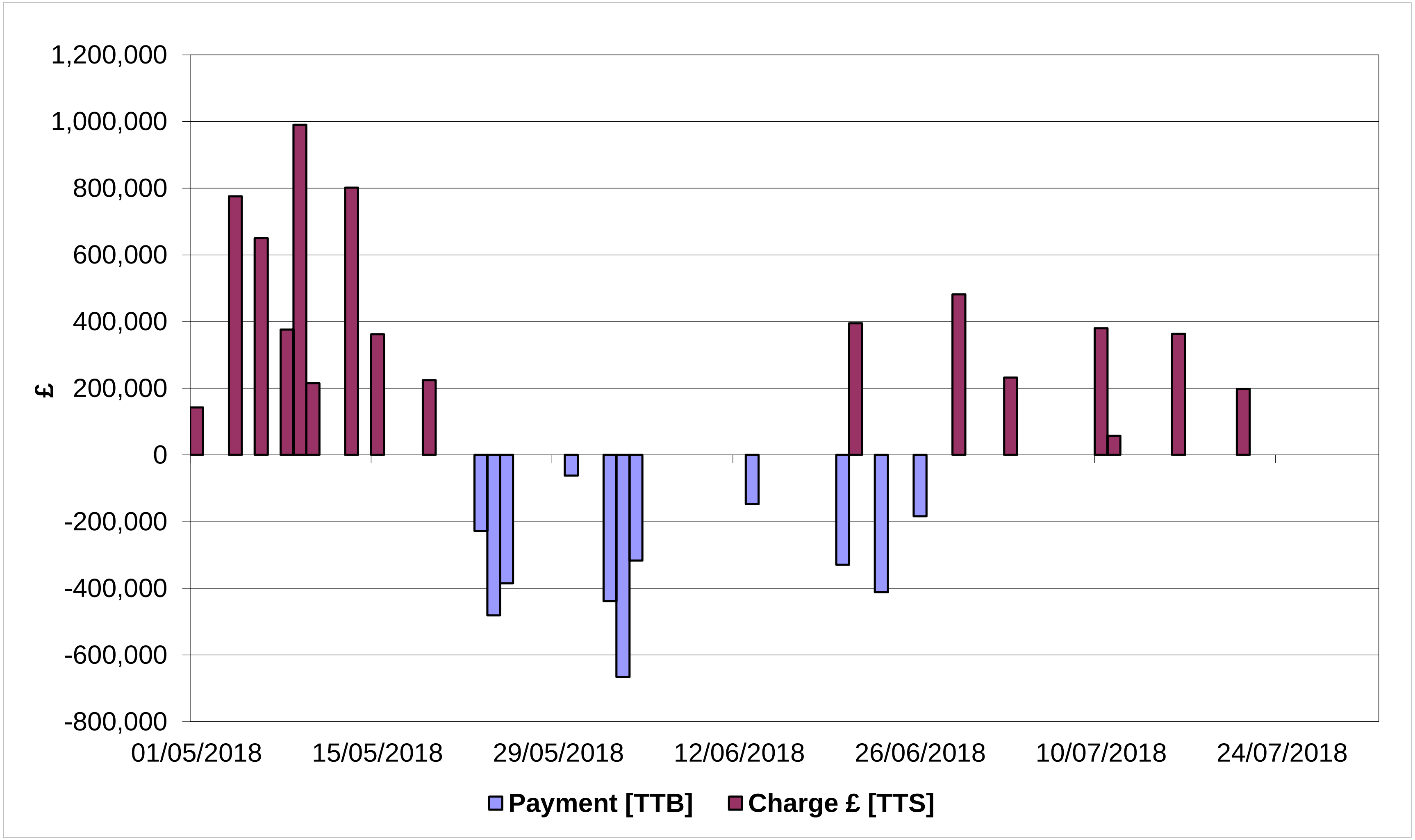
May - July 2018

		May-2018	Jun-2018	Jul-2018
Imbalance	Payment £ [DCS]	-18,290,997	-13,043,299	-12,823,001
	Charge £ [DCT]	21,658,417	15,576,351	13,064,082
Scheduling	Exit Charge £ [DXS]	18,248	8,792	0
	Exit Charge £ [EXS]	97,305	85,197	0
	Entry Charge £ [ESC]	487,615	401,748	0
OCM	Payment £ [TTB]	-1,155,777	-2,493,509	0
	Charge £ [TTS]	4,540,318	877,657	1,232,208
Balancing Costs		**7,355,130**	**1,412,938**	**1,473,289**

Energy Balancing – Balancing Costs

OCM Payments / Charges

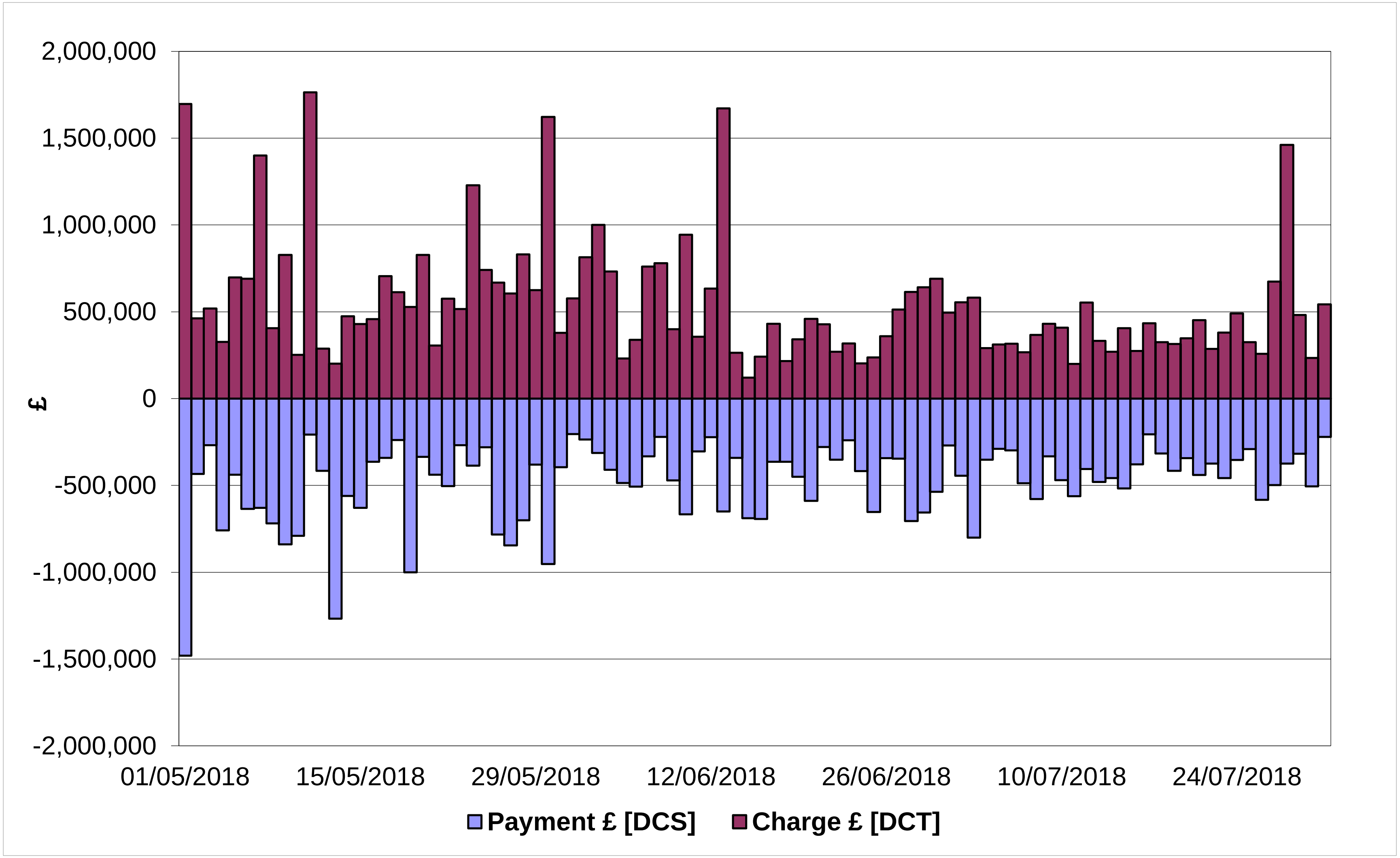
May - July 2018



Energy Balancing – Balancing Costs

Imbalance Payments / Charges

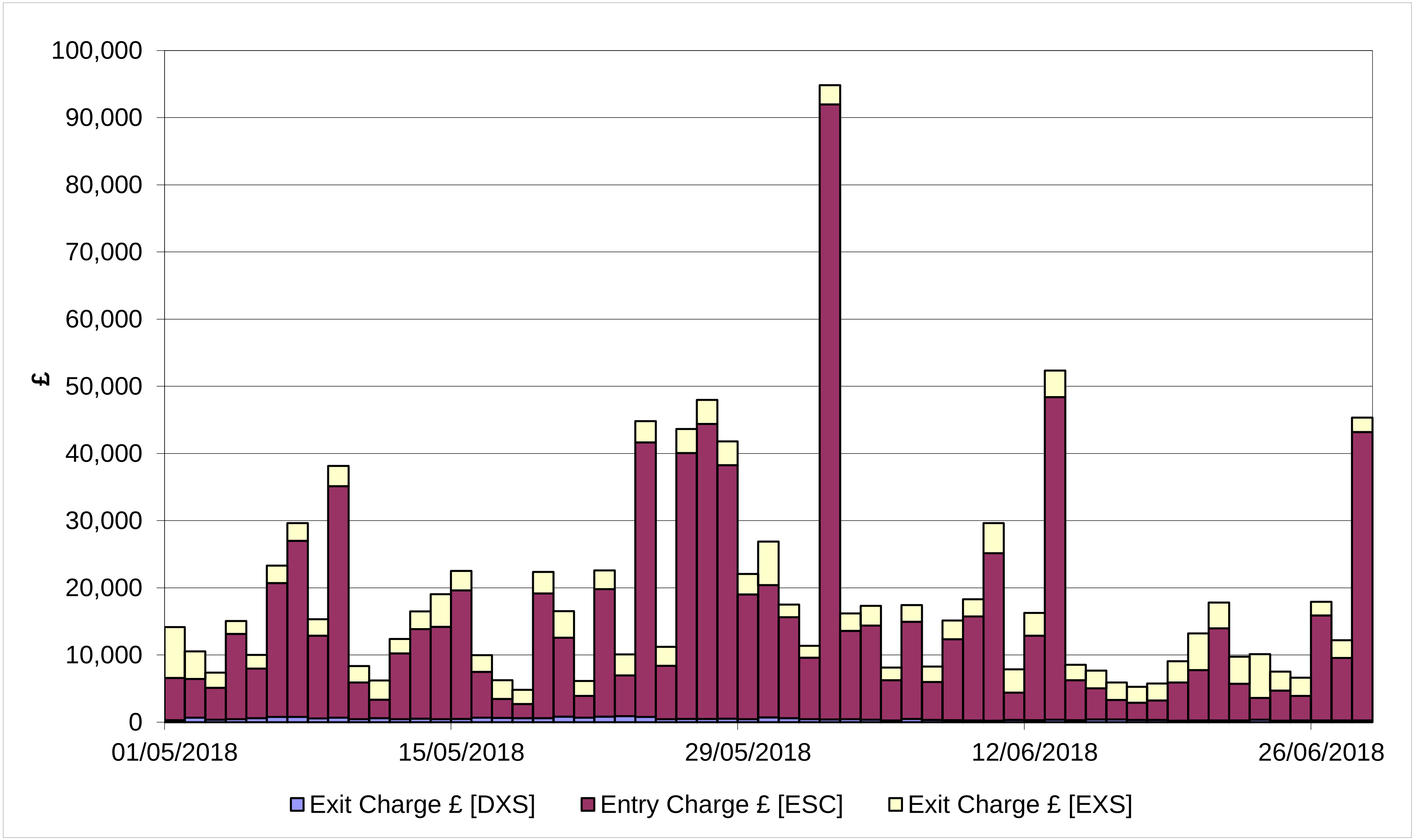
May - July 2018



Energy Balancing – Balancing Costs

Scheduling Charges

May - July 2018



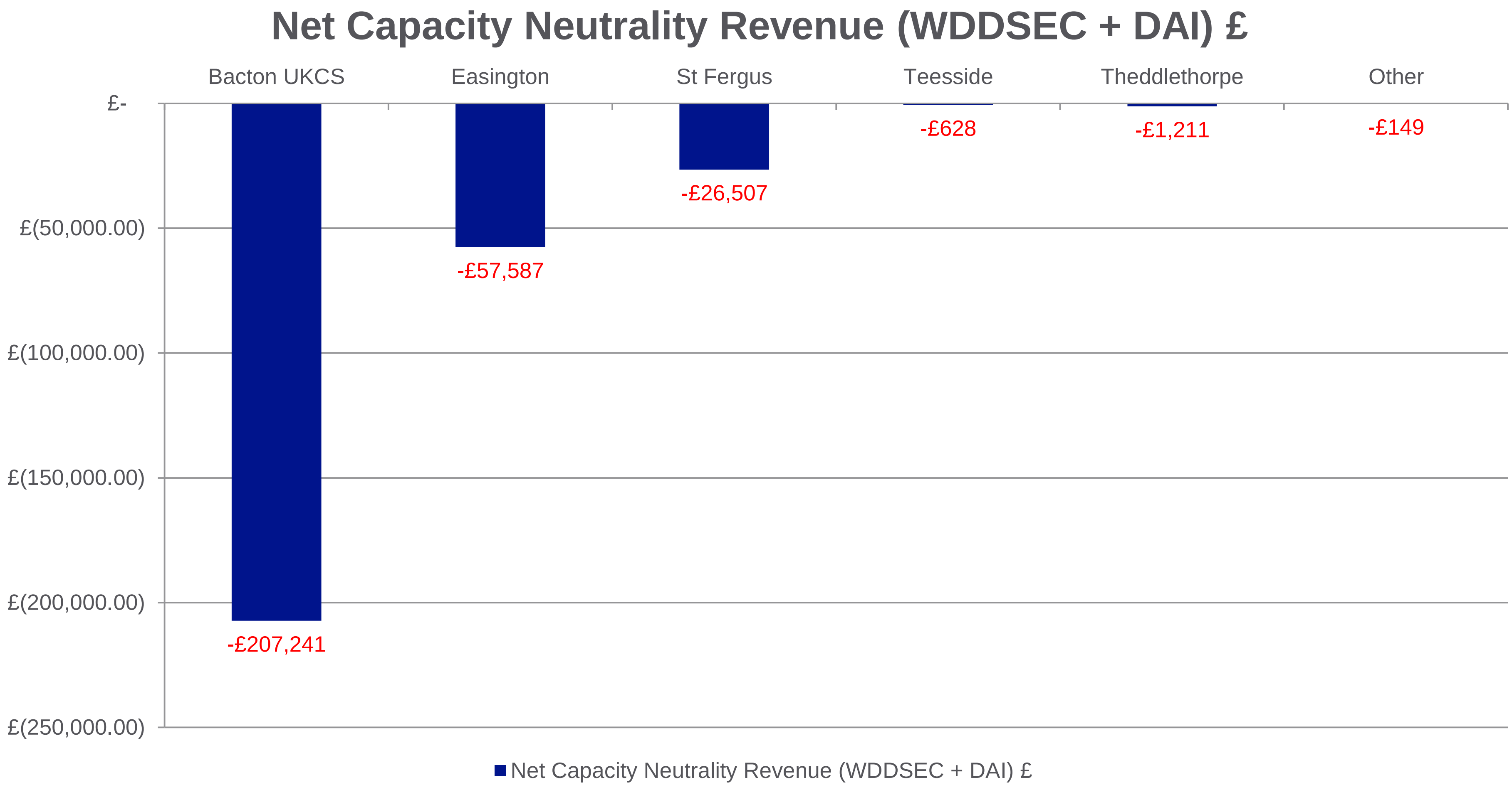
Capacity Neutrality Net Cost / Revenue

1st April 2018 to 31st August 2018

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£293,323
Total Entry Constraint Management Operational Costs	£720,247
Entry Capacity Overrun Revenue*	-£123,521*
Non-Obligated Sales Revenue (Entry only)	-£1,943
Revenue from Locational Sells and PRI Charges	£0
Net Revenue	£301,460

Capacity Neutrality Revenue

1st April 2018 to 31st August 2018



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Operational Overview – Supply, Demand & Storage

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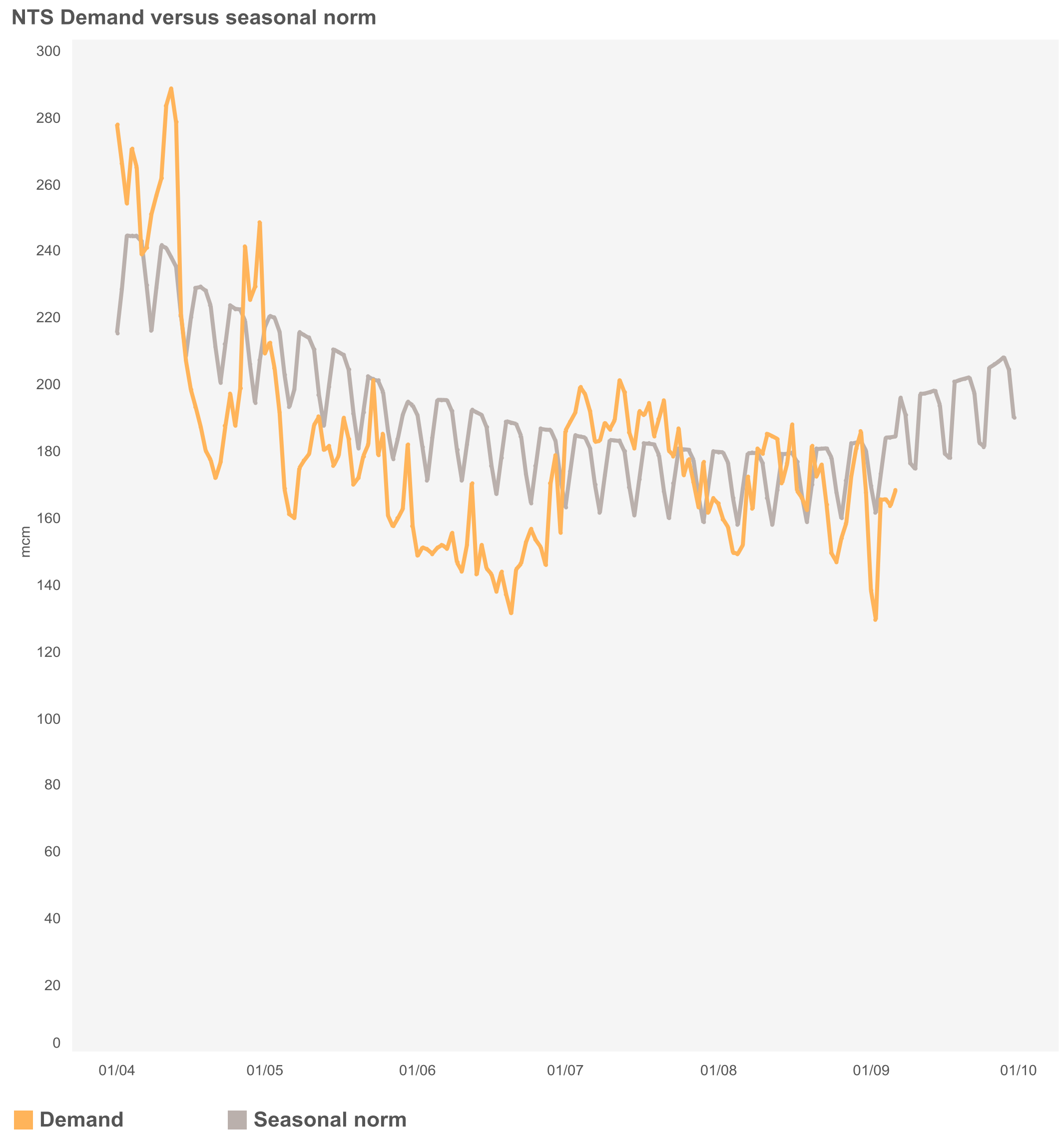
NTS Demand

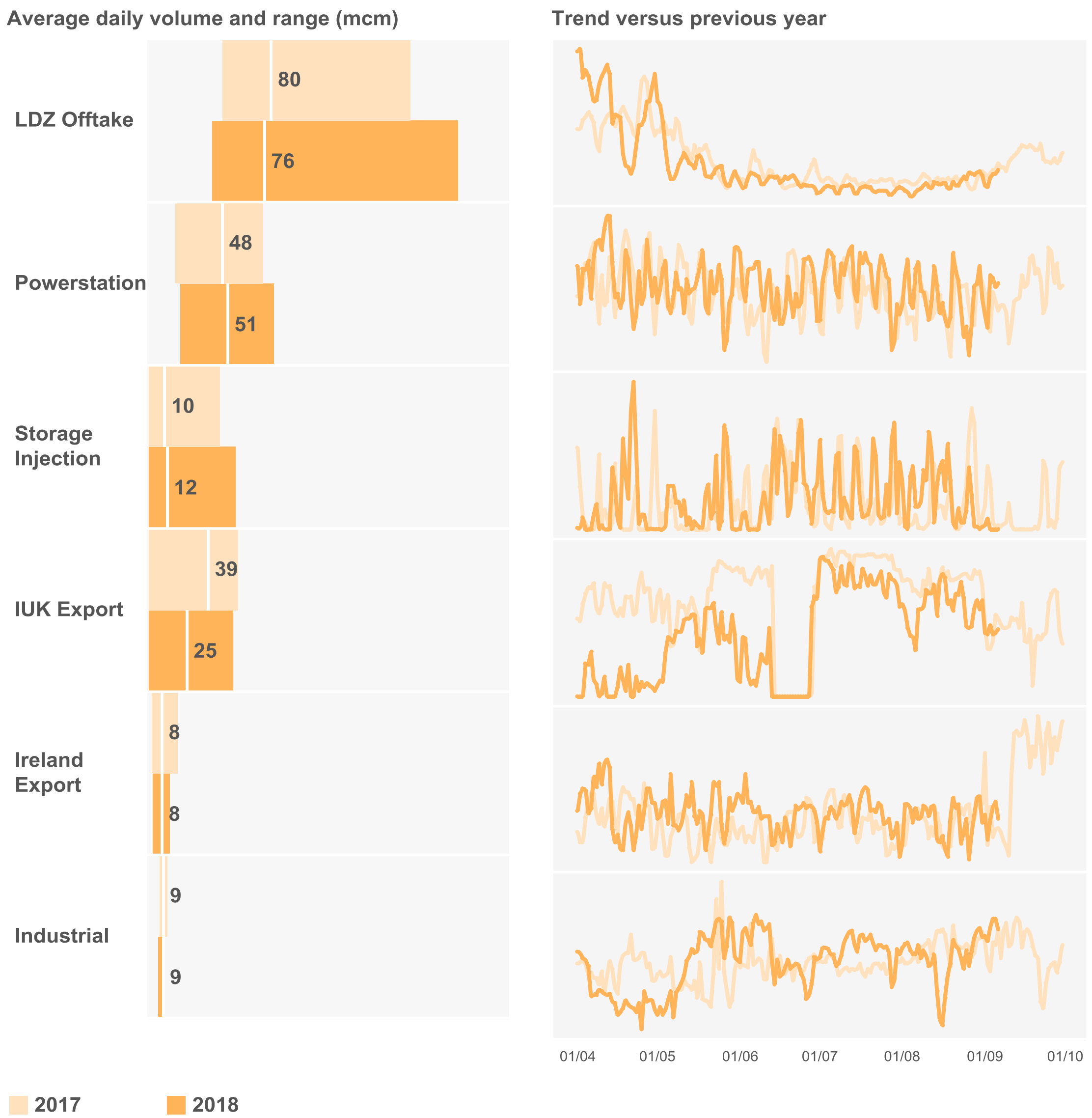
Following some periods of volatility in the first half of the Summer, **NTS demand has now returned to expected levels.**



Components of NTS Demand

After the volatility at the start of Summer, **LDZ demand has now returned to the same levels as last year.**

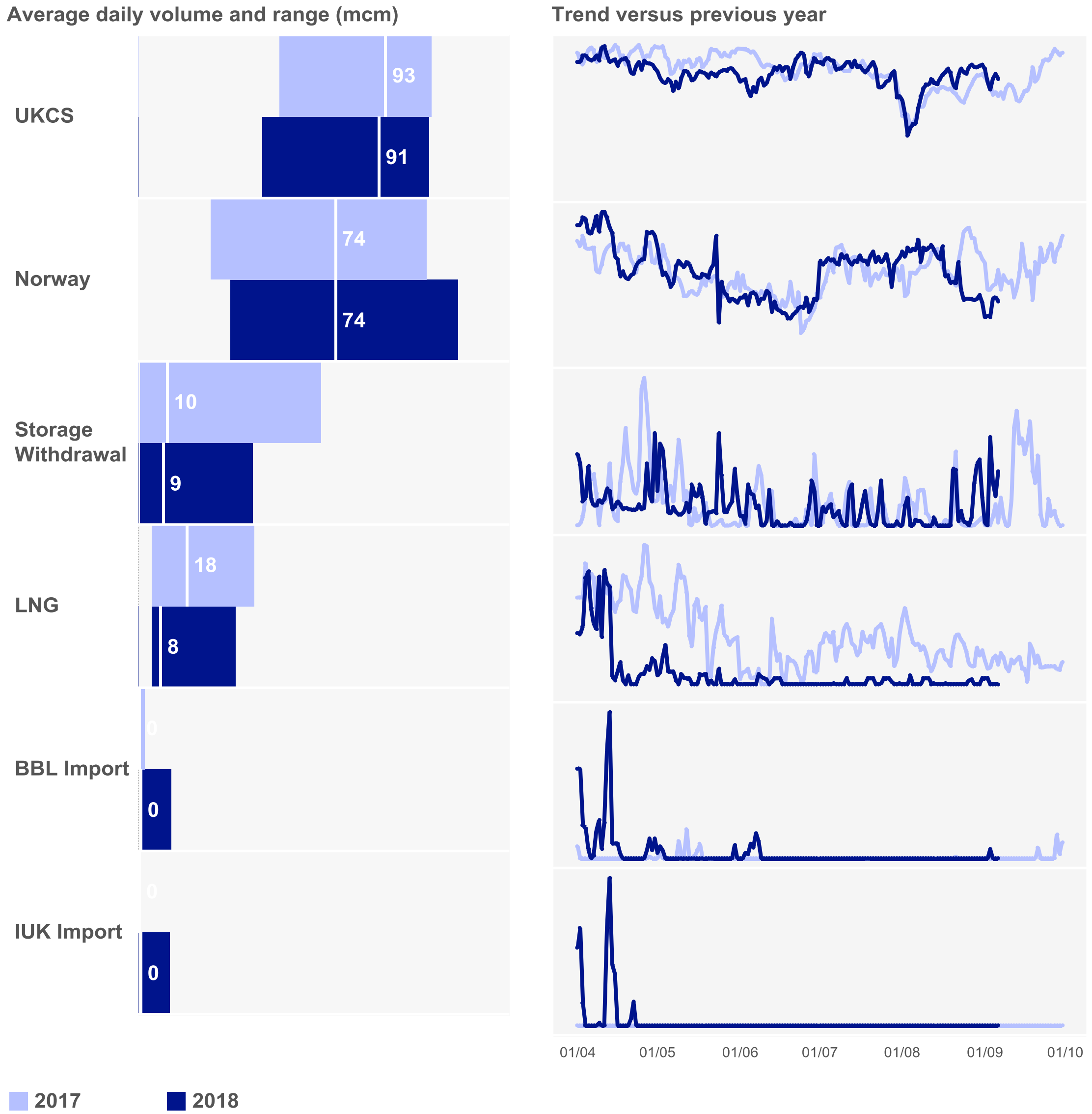
IUK exports have been lower than last year, particularly during the first half of Summer.



Components of NTS Supply

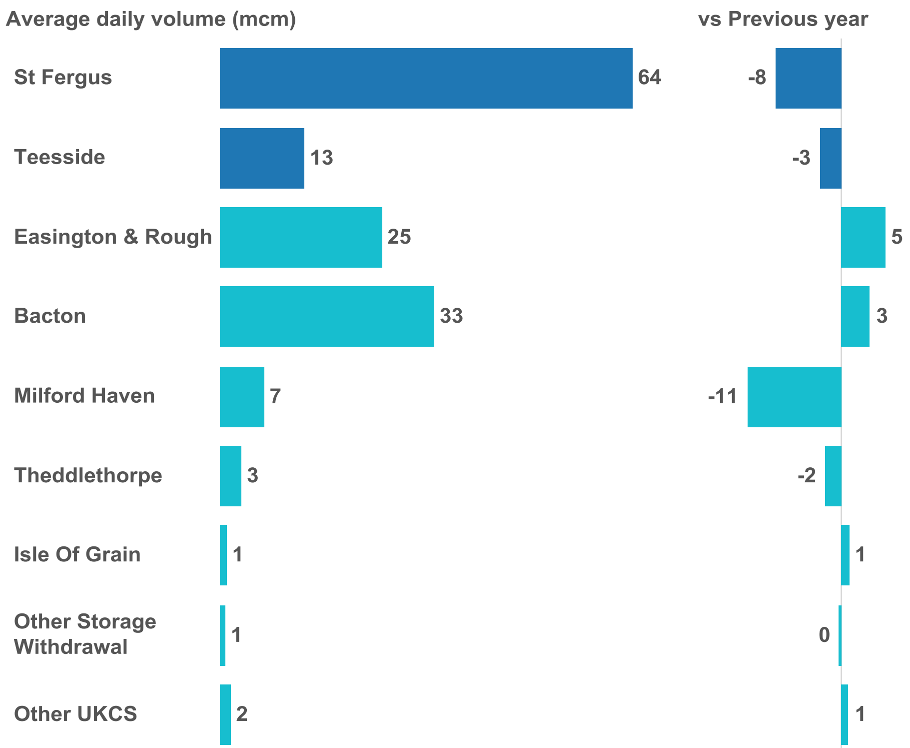
Aside from some brief fluctuations, **levels of supply from UKCS and Norway have been as expected.**

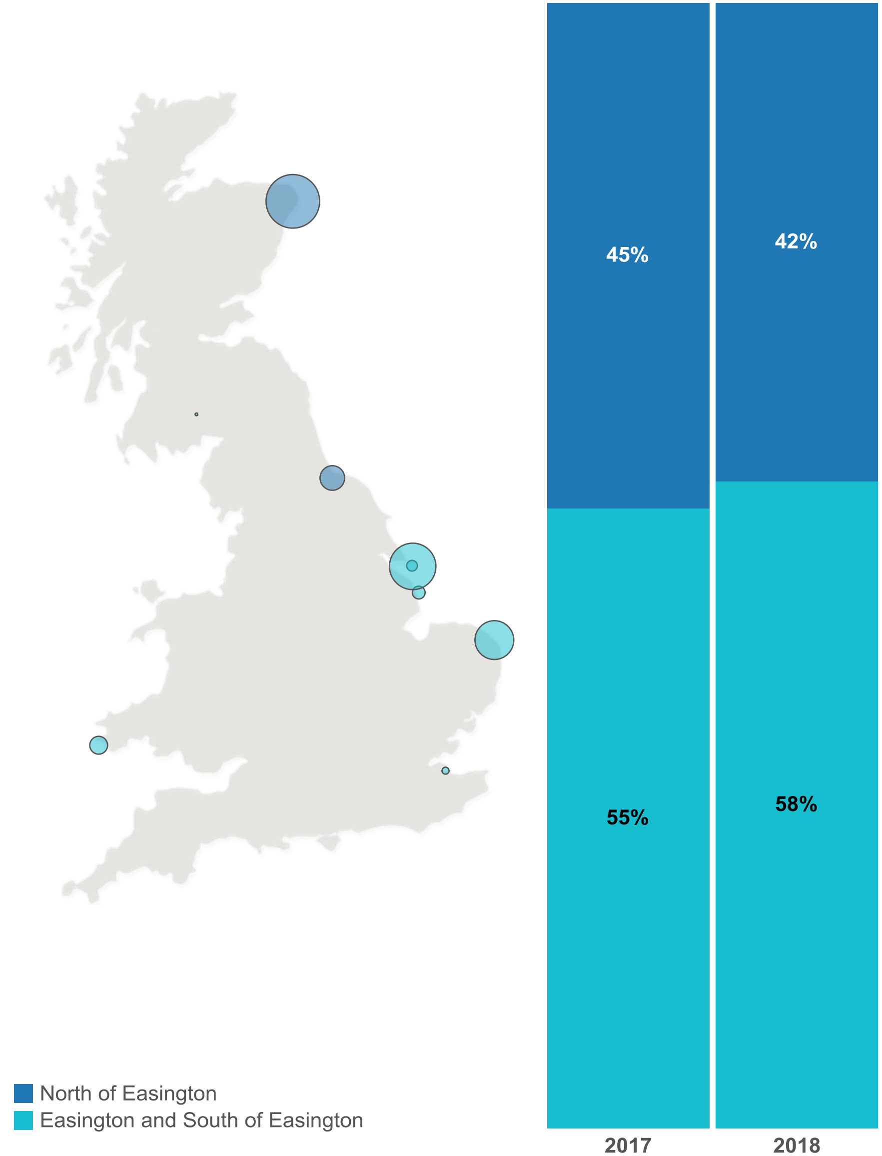
Apart from a brief period at the start of Summer, **LNG supplies have been significantly lower than last year.**



Location of NTS Supply

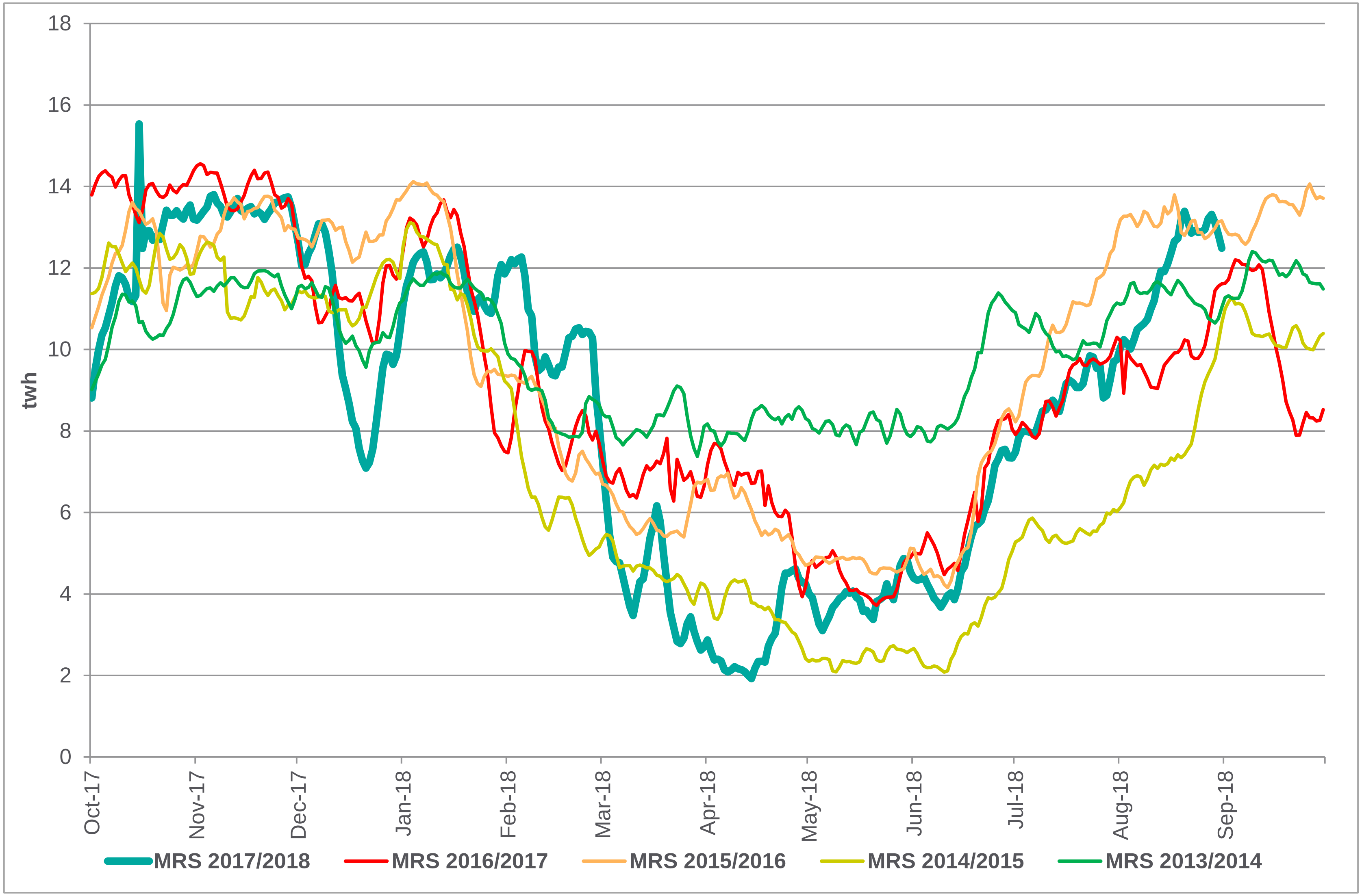
Proportionally, there has been **less gas supplied to the NTS in the North**, when compared to last Summer.





Medium Range Storage Stocks (MRS)

October-End September for last 5 years



Gas System Operator

Capacity Neutrality Overview

September 2018

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Capacity Neutrality: 1st April 2018 to 31st August 2018

Revenue / Costs	Apr 18 to Aug 18	Apr 17 to Aug 17	Comments
WDDSEC/DAI Entry Capacity Revenue	-£293,323	-£377,412	* Entry Capacity Overrun Revenue data not yet available for August 2018
Total Entry Constraint Management Operational Costs	£720,247	£2,036,738	
Entry Capacity Overrun Revenue	-£123,521	-£1,438,620	
Non-Obligated Sales Revenue (Entry only)	-£1,943	-£1,039	
Revenue from Locational Sells and PRI Charges	£0	£0	
Net Revenue	£301,460	£219,667	

Capacity Neutrality Net Cost / Revenue

1st April 2018 to 31st August 2018

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£293,323
Total Entry Constraint Management Operational Costs	£720,247
Entry Capacity Overrun Revenue*	-£123,521*
Non-Obligated Sales Revenue (Entry only)	-£1,943
Revenue from Locational Sells and PRI Charges	£0
Net Revenue	£301,460

Capacity Neutrality

1st April 2018 to 31st August 2018

Month	Entry Cap Overrun Revenue	Non-obligated sales revenue (entry)
Apr-18	-£11,822	-£2
May-18	-£59,465	-£655
Jun-18	-£22,460	-£592
Jul-18	-£29,775	-£534
Aug-18		-£162
Sep-18		
Oct-18		
Nov-18		
Dec-18		
Jan-19		
Feb-19		
Mar-19		
Total	**-£123,521**	**-£1,943**

Month	Locational Sells and PRI charges revenue
Apr-18	£0
May-18	£0
Jun-18	
Jul-18	
Aug-18	
Sep-18	
Oct-18	
Nov-18	
Dec-18	
Jan-19	
Feb-19	
Mar-19	
Total	**£0 (FY18/19)**

Net Capacity Neutrality Revenue

1st April 2018 to 31st August 2018