Gas System Operator

Gas Operational Forum – Detailed Slides

London Radisson Grafton

25th October 2018

nationalgrid

Gas System Operator

01

Gas Prices, Transporter Actions and Neutrality

October 2018

nationalgrid

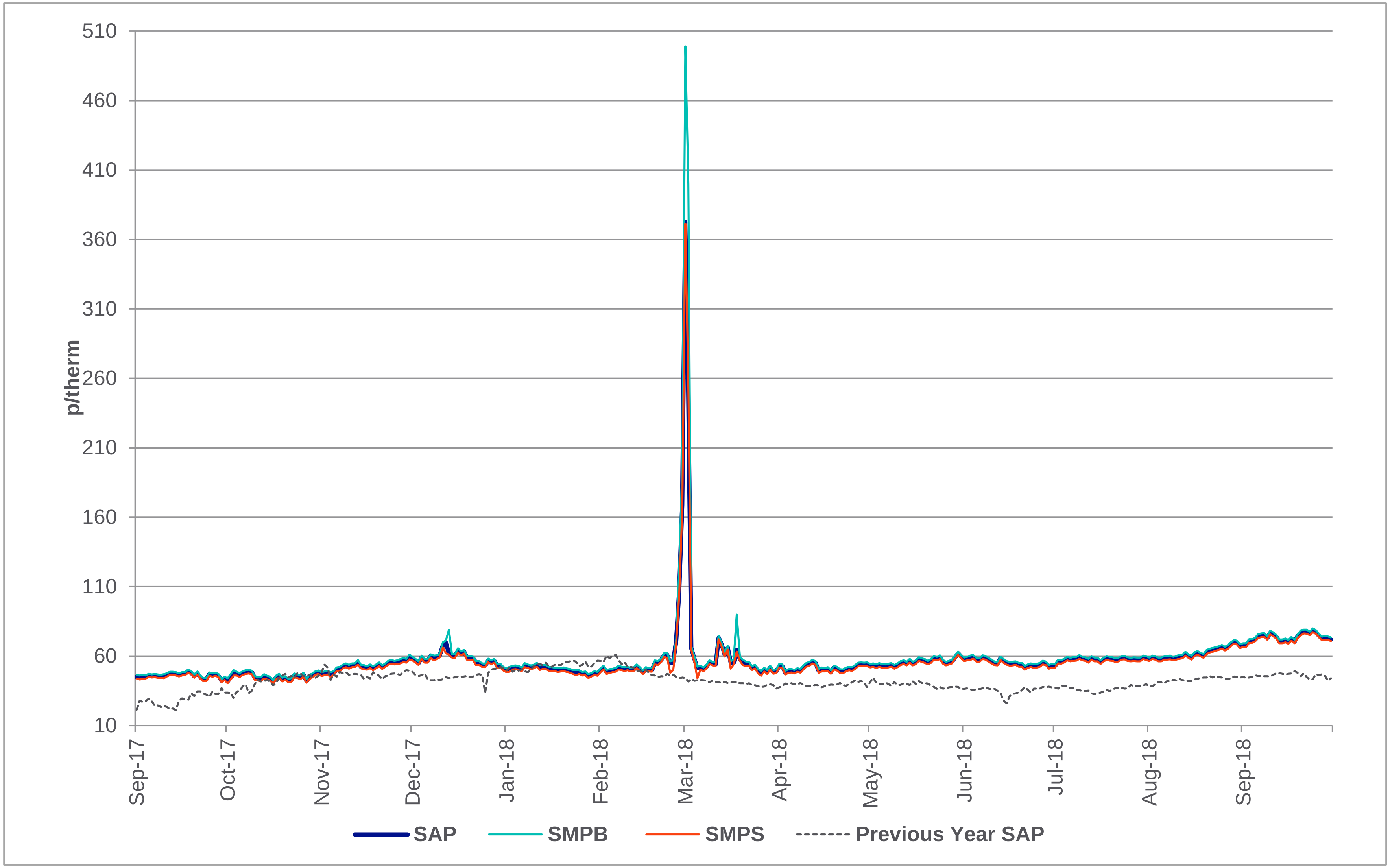
Summary Report

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

Sep-17			Sep-18		
No. of Balancing Actions YTD	**138**	Percentage	No. of Balancing Actions YTD	**178**	Percentage
Buys	102	74%	Buys	81	46%
Sells	36	26%	Sells	97	54%

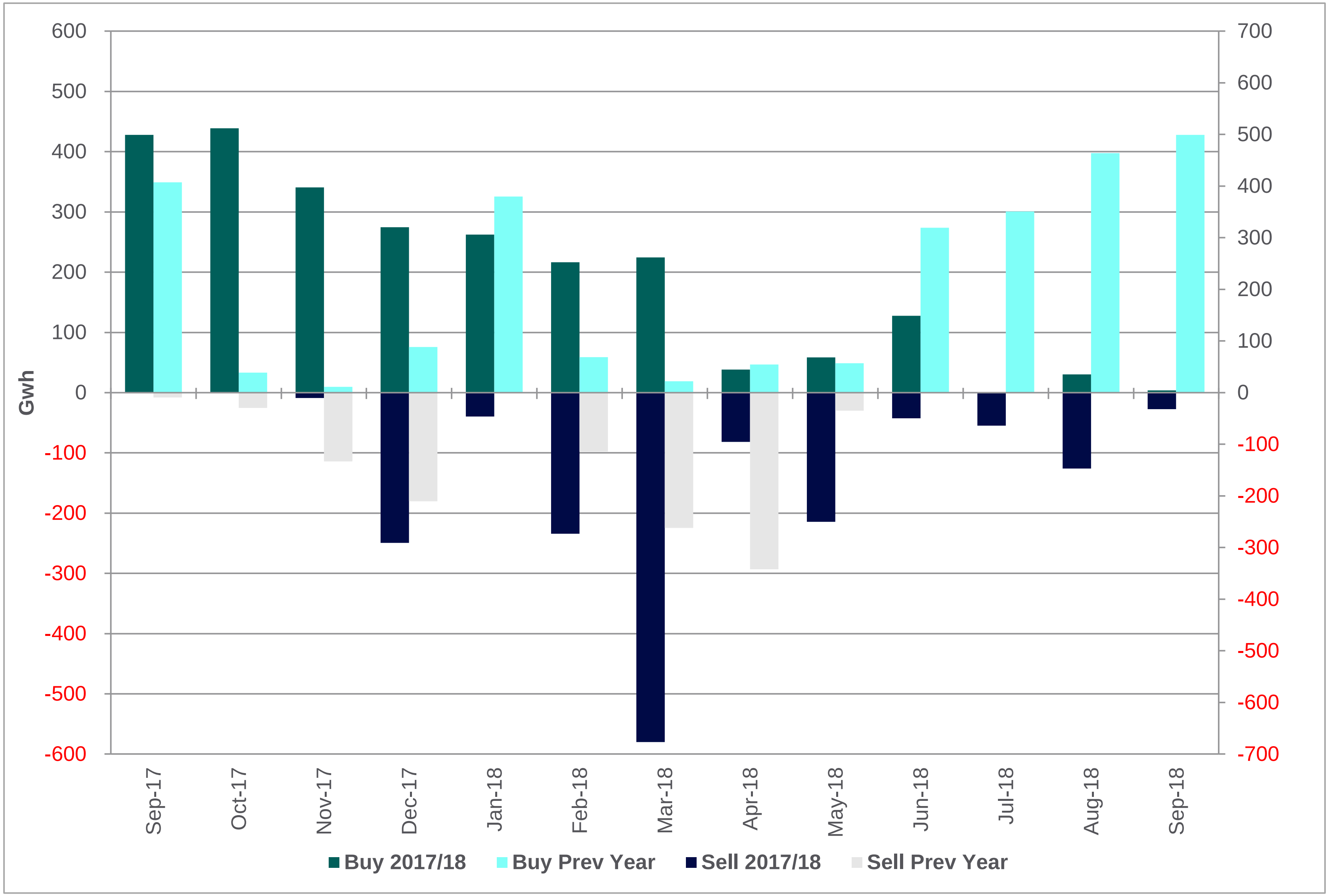
UK Gas Prices

1st September 2017 to 30 September 2018 vs Previous Year



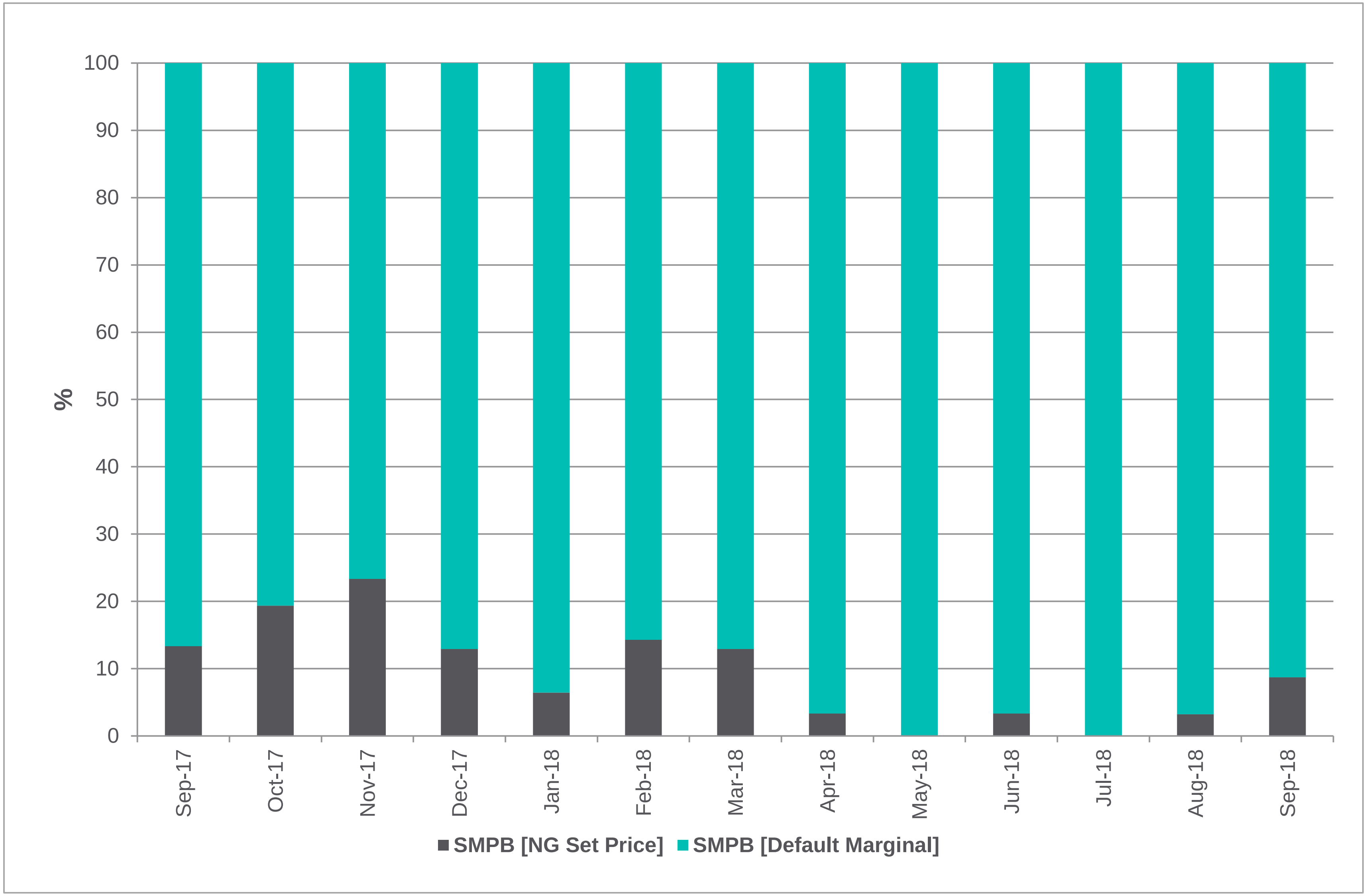
Transporter Energy Traded on the OCM

NGG Monthly Buys and Sells 1st September 2017 to 30th September 2018 vs Previous Year



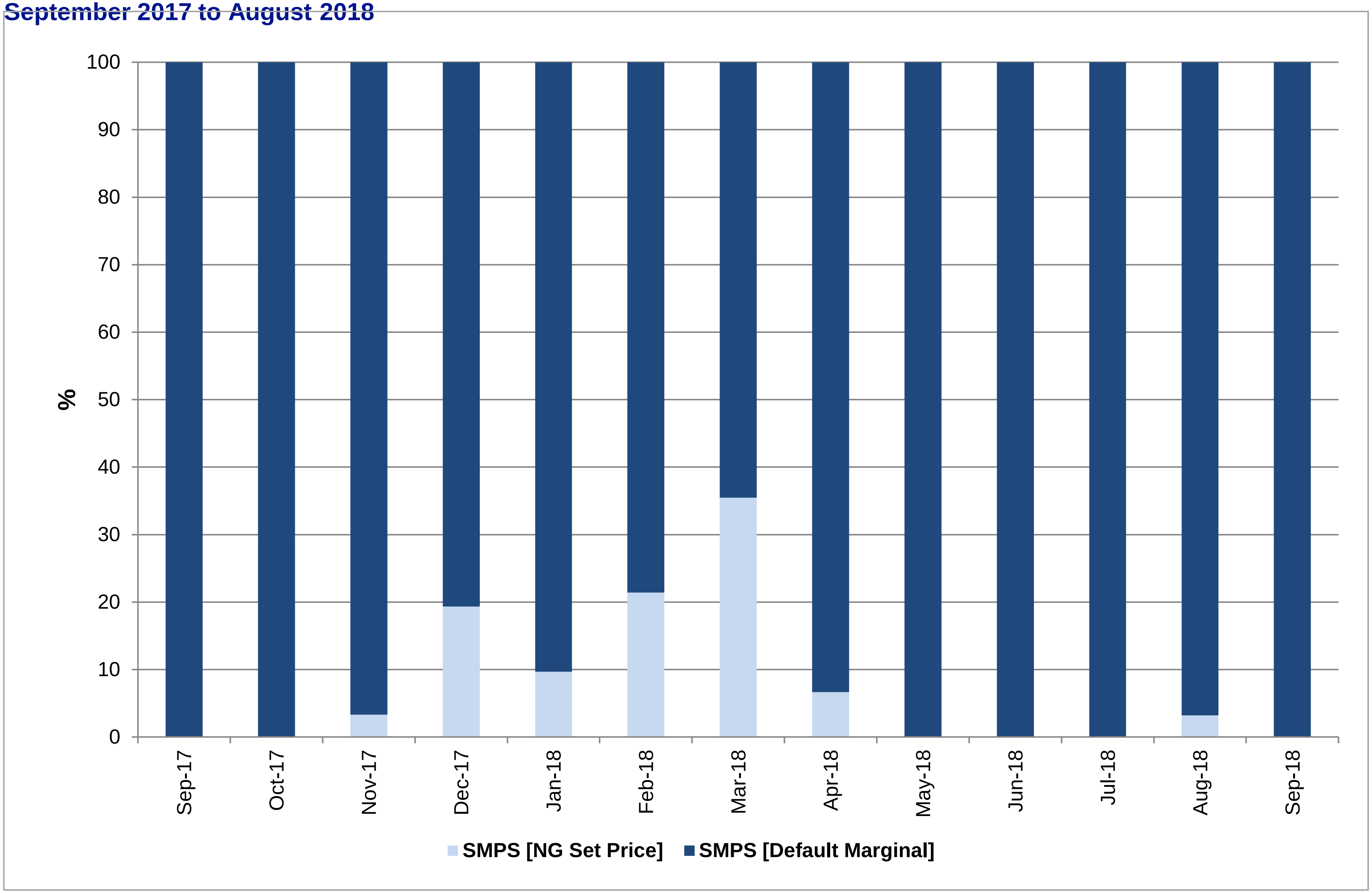
Days of Default SMP Prices (SMPB)

September 2017 to September 2018



Days of Default SMP Prices (SMPS)

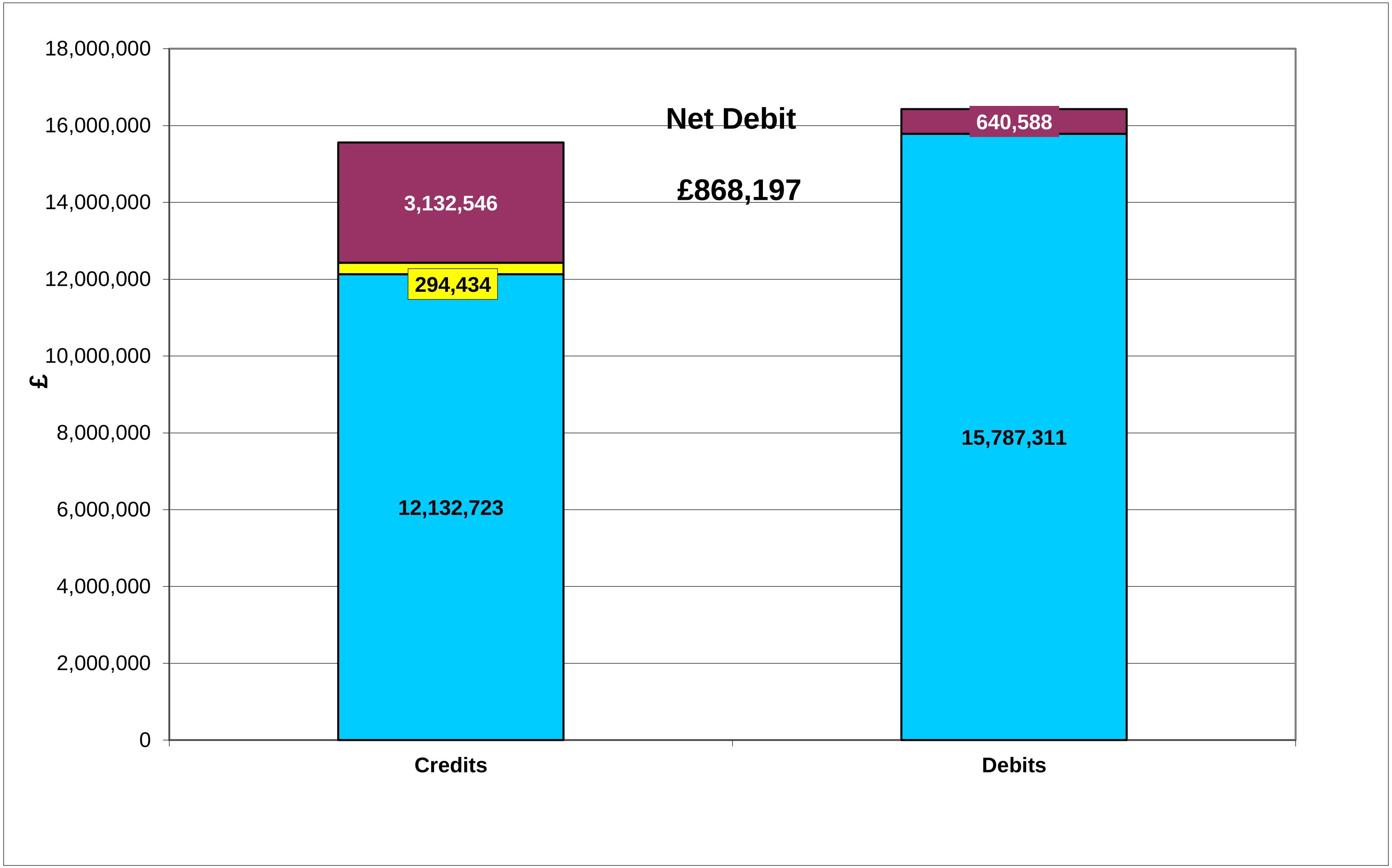
September 2017 to August 2018



Energy Balancing – Balancing Costs

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

August 2018



Energy Balancing – Balancing Costs

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

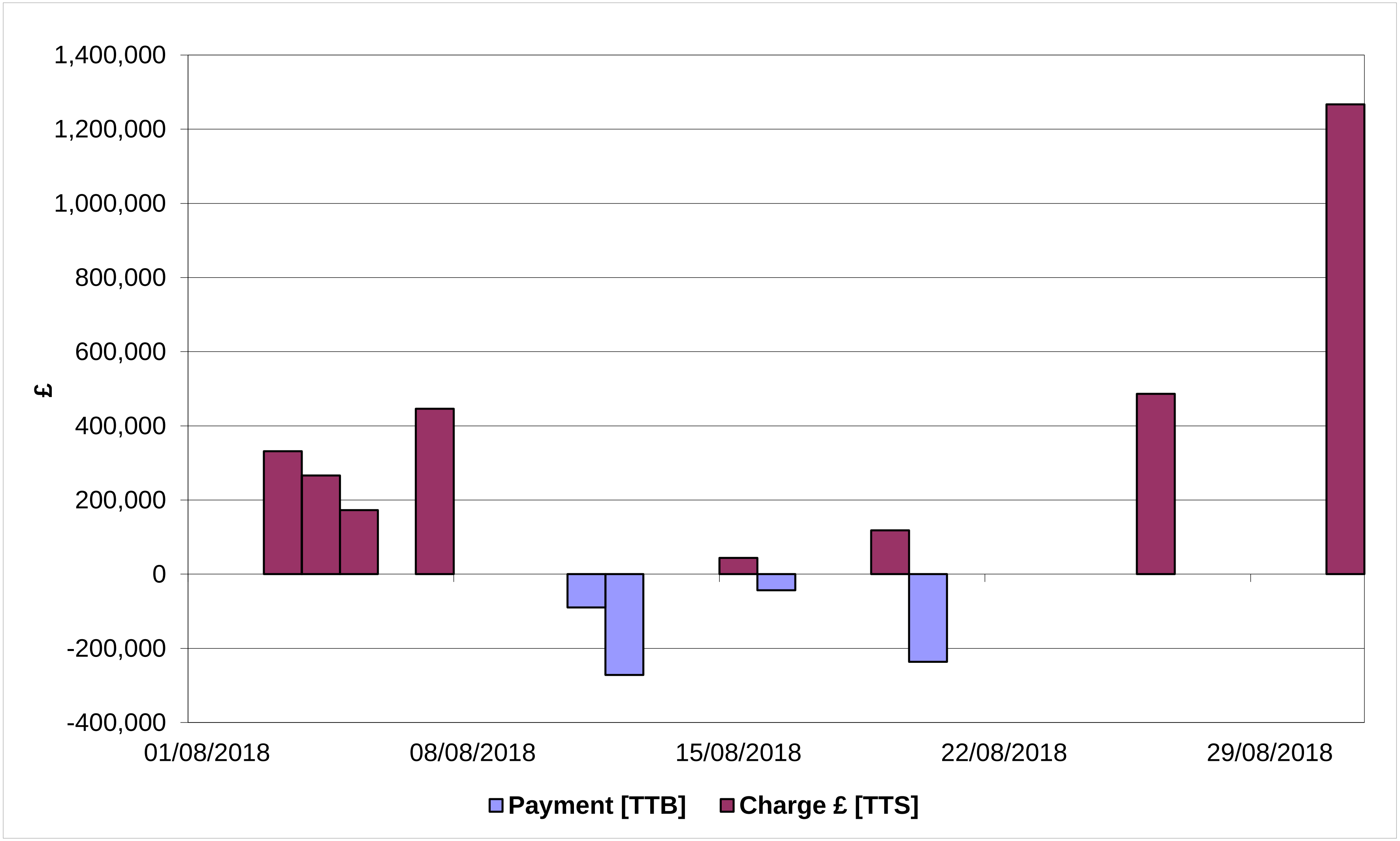
August 2018

		Aug-18
Imbalance	Payment £ [DCS]	-15,787,311
	Charge £ [DCT]	12,132,723
Scheduling	Exit Charge £ [DXS]	9,930
	Exit Charge £ [EXS]	86,749
	Entry Charge £ [ESC]	197,755
OCM	Payment £ [TTB]	-640,588
	Charge £ [TTS]	3,132,546
Balancing Costs		**-868,197**

Energy Balancing – Balancing Costs

OCM Payments / Charges

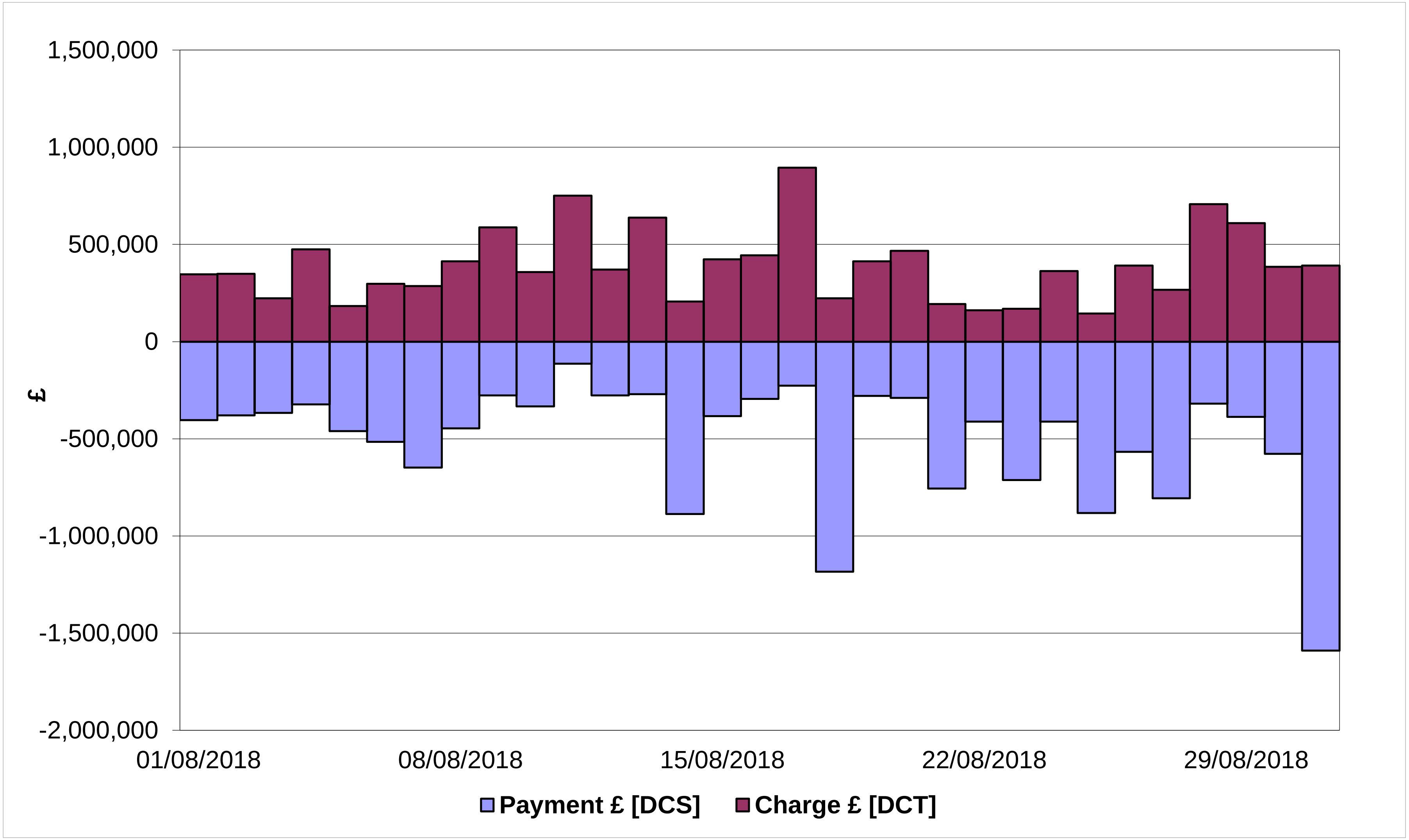
August 2018



Energy Balancing – Balancing Costs

Imbalance Payments / Charges

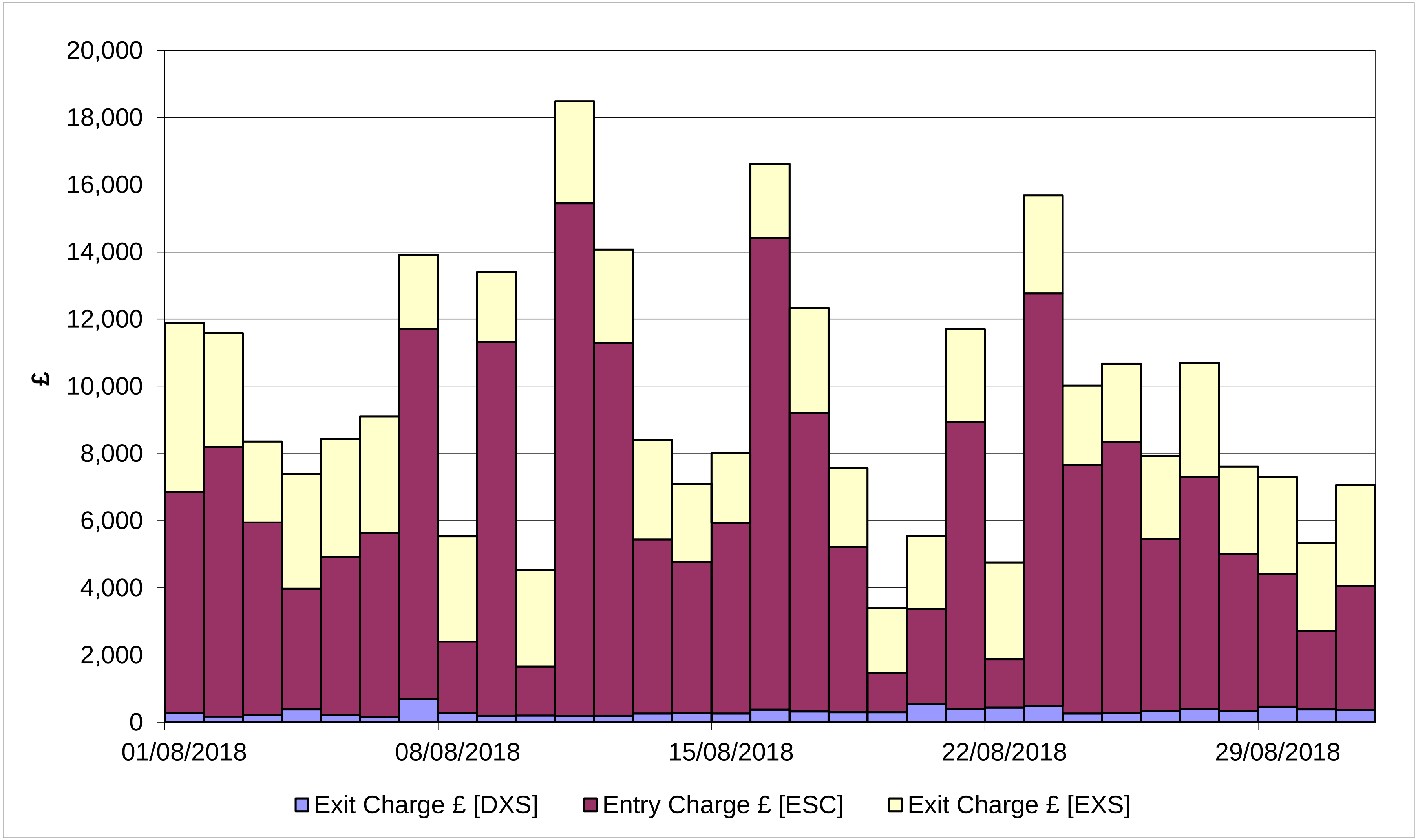
August 2018



Energy Balancing – Balancing Costs

Scheduling Charges

August 2018



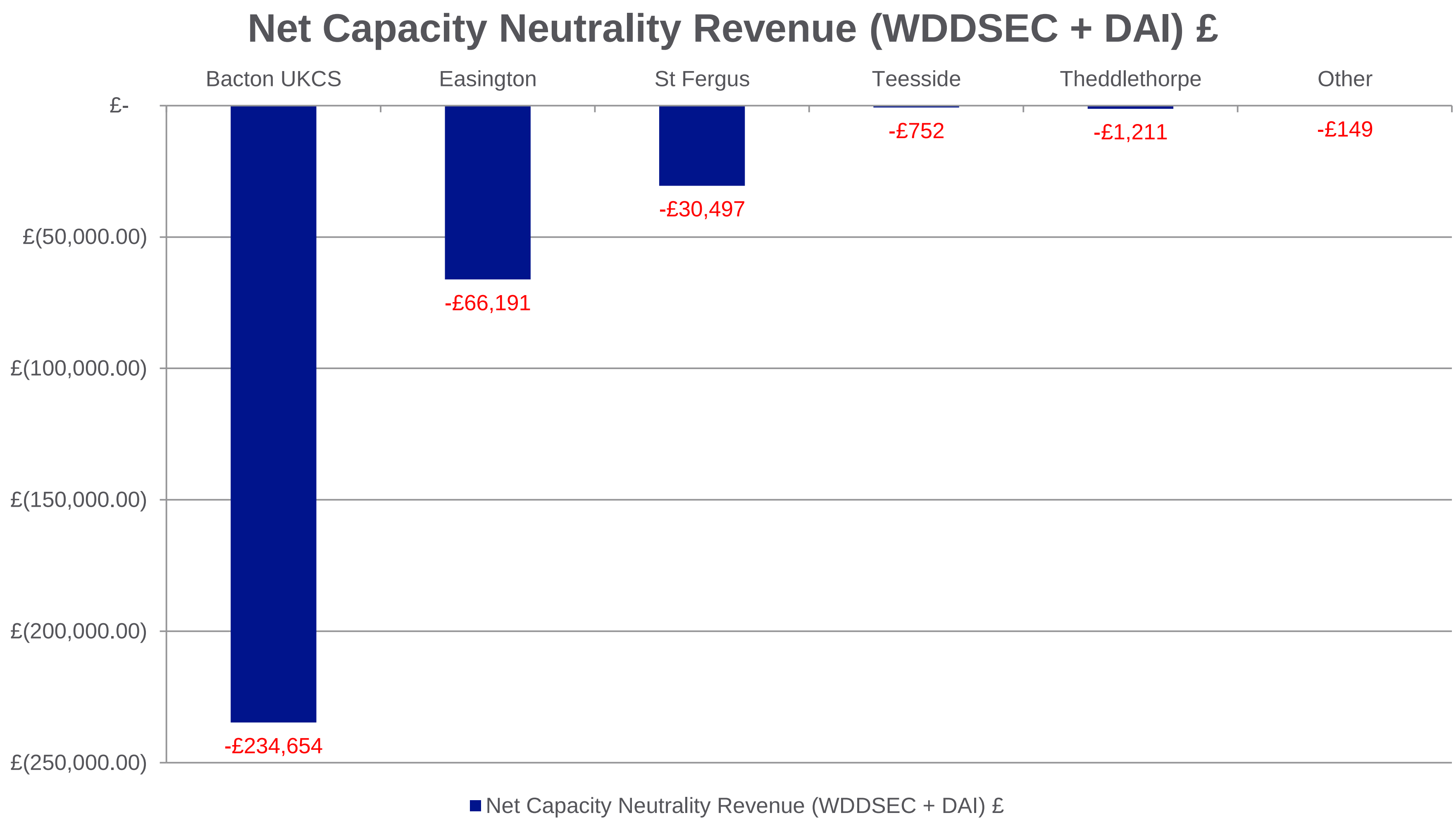
Capacity Neutrality Net Cost / Revenue

1st April 2018 to 30th September 2018

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£333,454
Total Entry Constraint Management Operational Costs	£989,415
Entry Capacity Overrun Revenue*	-£233,217*
Non-Obligated Sales Revenue (Entry only)	-£2,310
Revenue from Locational Sells and PRI Charges	£0
Net Revenue	£370,434

Capacity Neutrality Revenue

1st April 2018 to 30th September 2018



Gas System Operator

02

Operational Overview – Supply, Demand & Storage

October 2018

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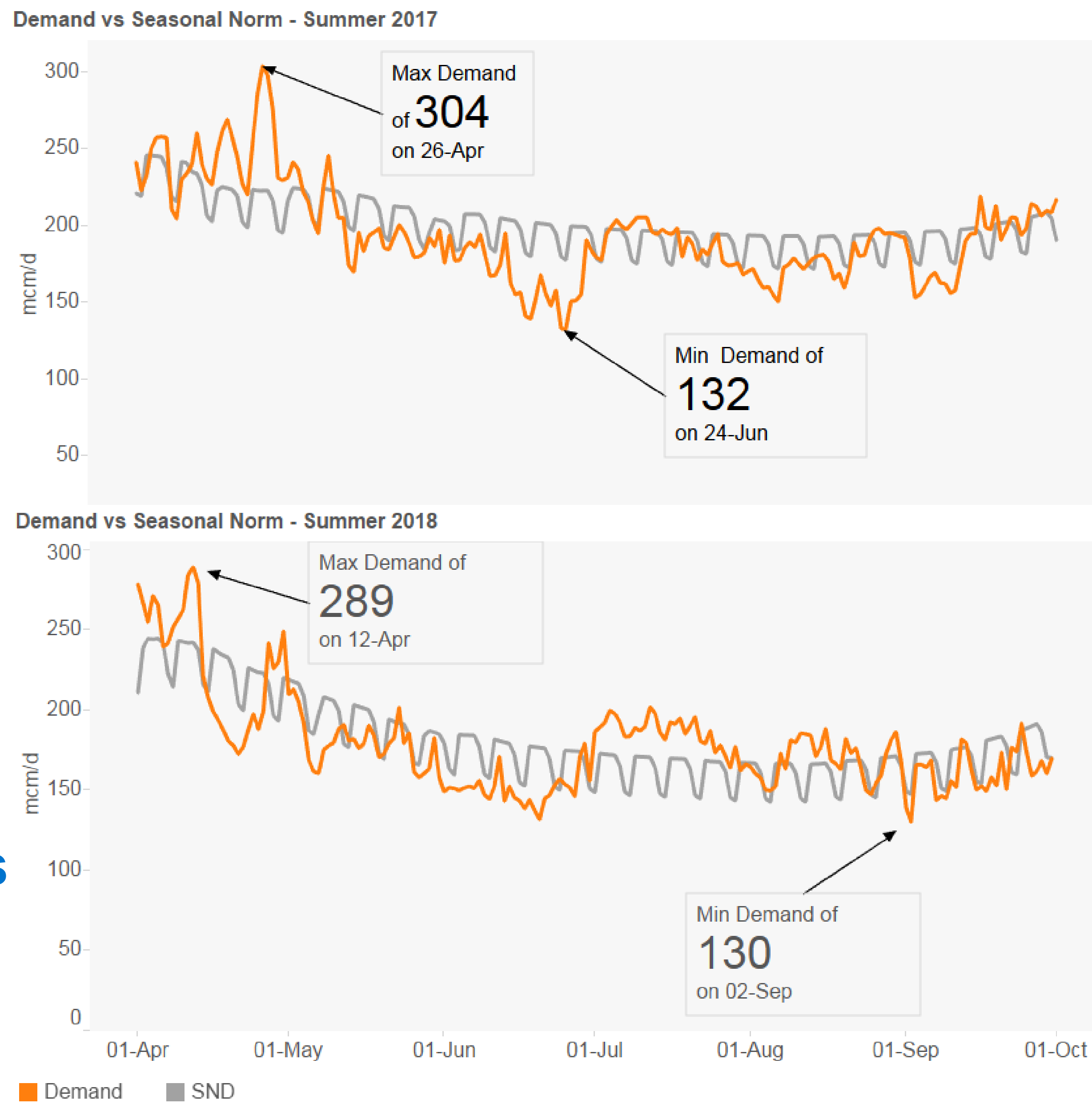
NTS Demand

Unseasonably high temperatures during parts of **April and May** saw summer demand drop below seasonal normal.

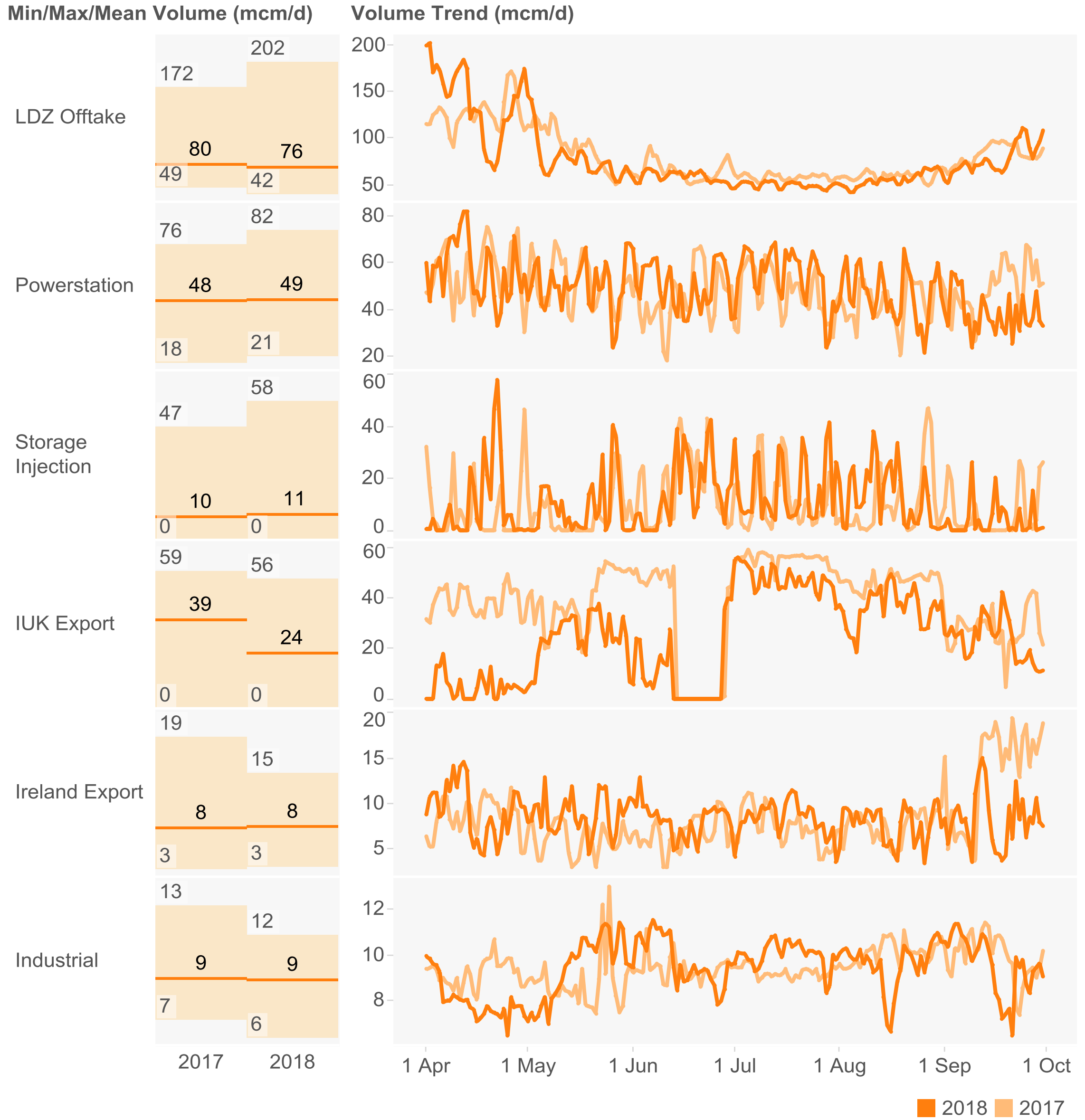
Since then NTS demand returned to expected levels and **stayed consistent compared to levels of demand seen last year.**



Components of NTS Demand

With **gas year 2017-18 now concluded**, demand profiles for the summer remained largely consistent compared to last year

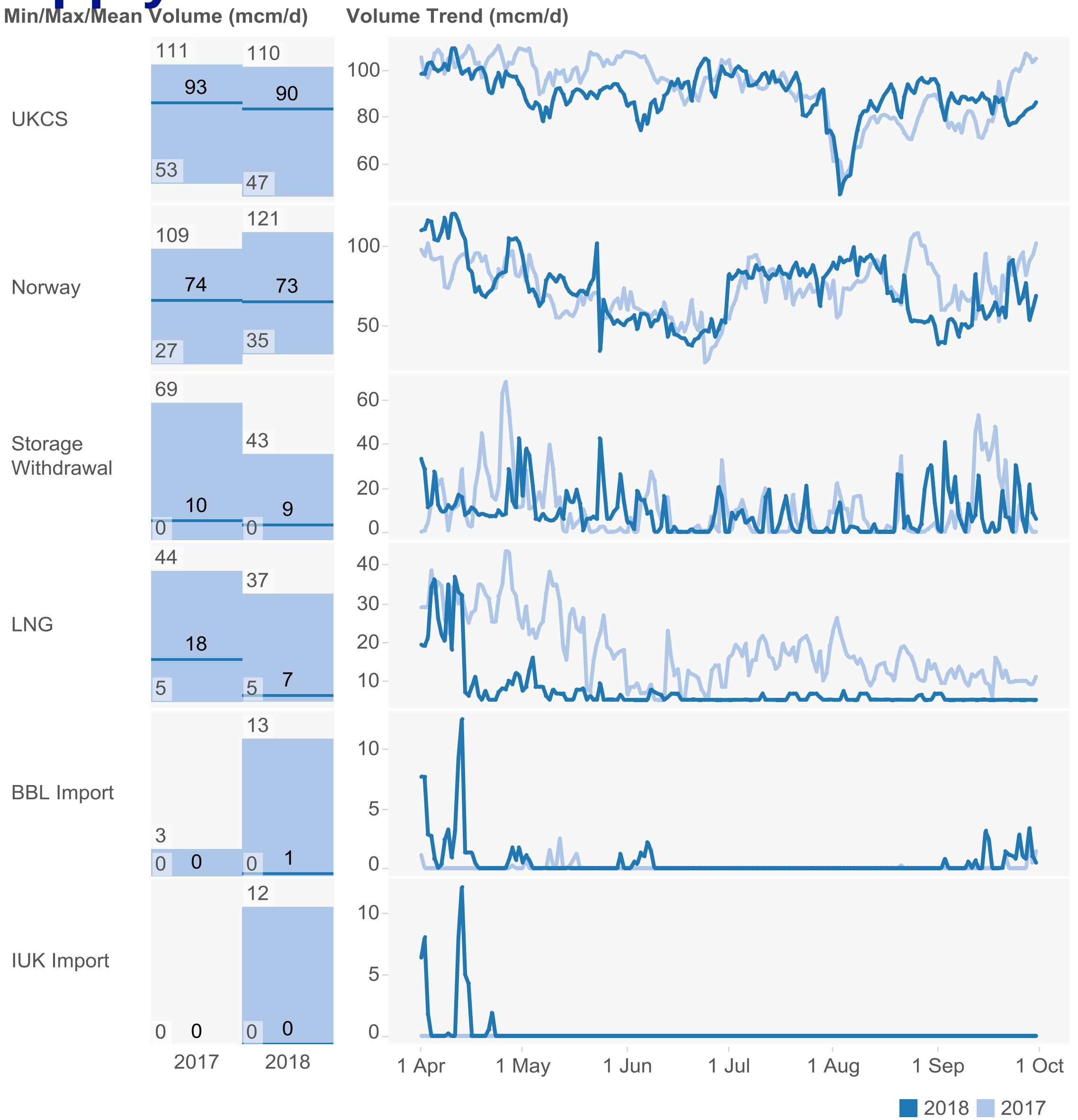
The exception to this was **IUK exports, which were lower than last year,** particularly during the first half of Summer.



Components of NTS Supply

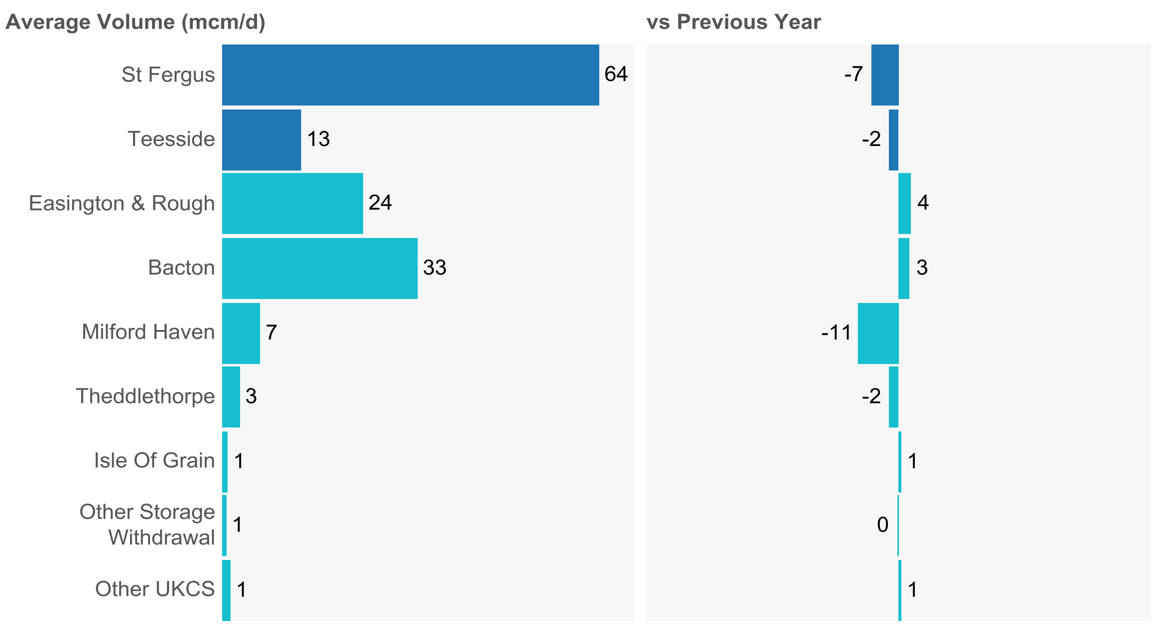
Whilst **most sources of supply remained consistent** compared to last year, supplies from **LNG reduced significantly**.

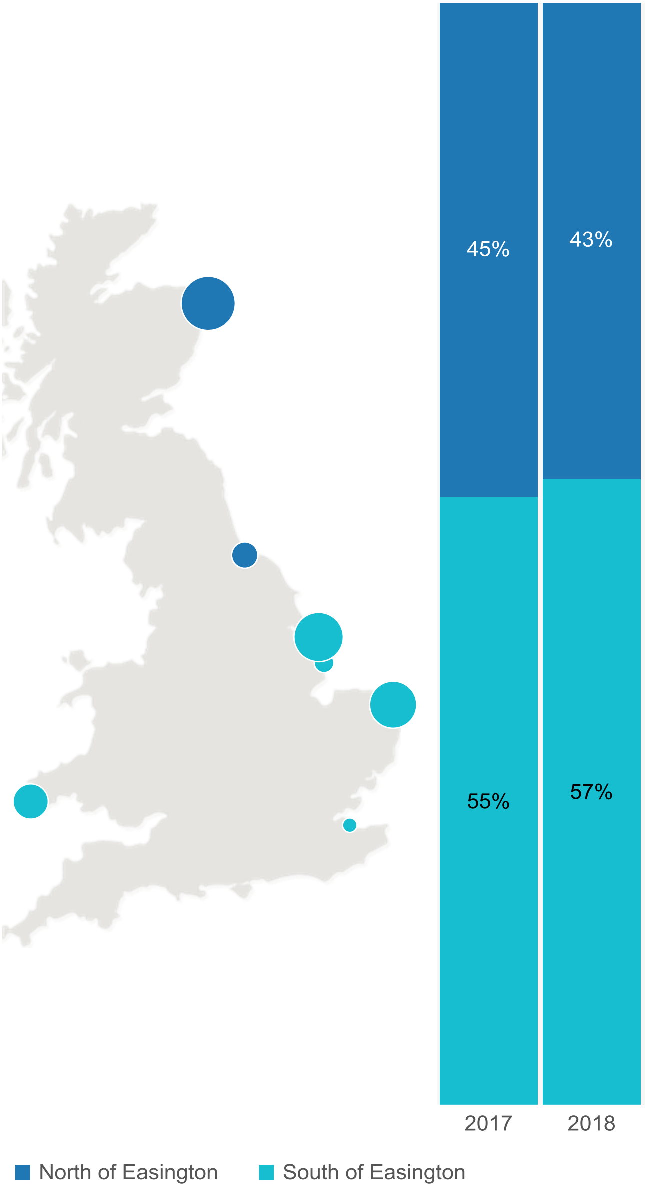
Relatively high gas prices in the Asian markets could be a key driver for this change.



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