

Gas Operational Forum

London Radisson Grafton 27th September 2018





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)

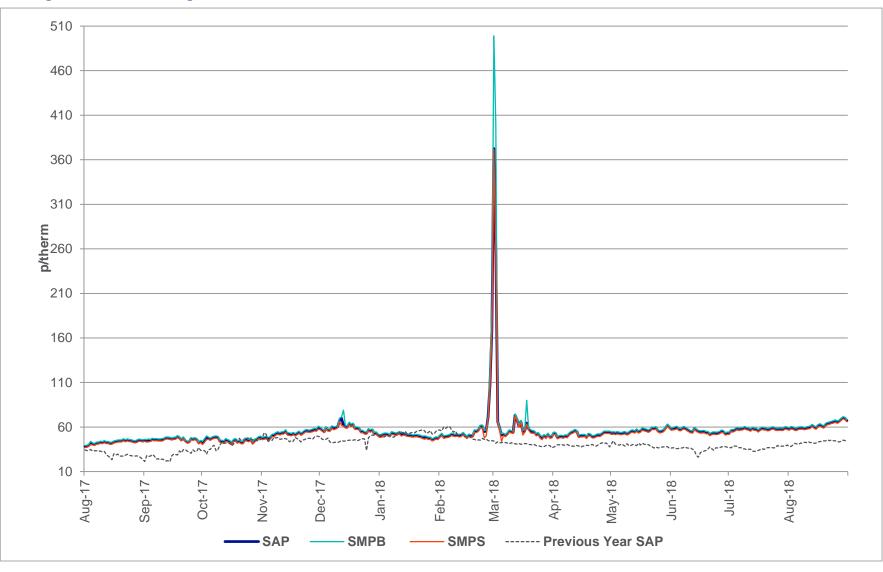
Jun-17			Jun-18		
No. of Balancing Actions YTD 76 Percentage		No. of Balancing Actions YTD	137	Percentage	
Buys	40	53%	Buys	63	46%
Sells	36	47%	Sells	74	54%

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%

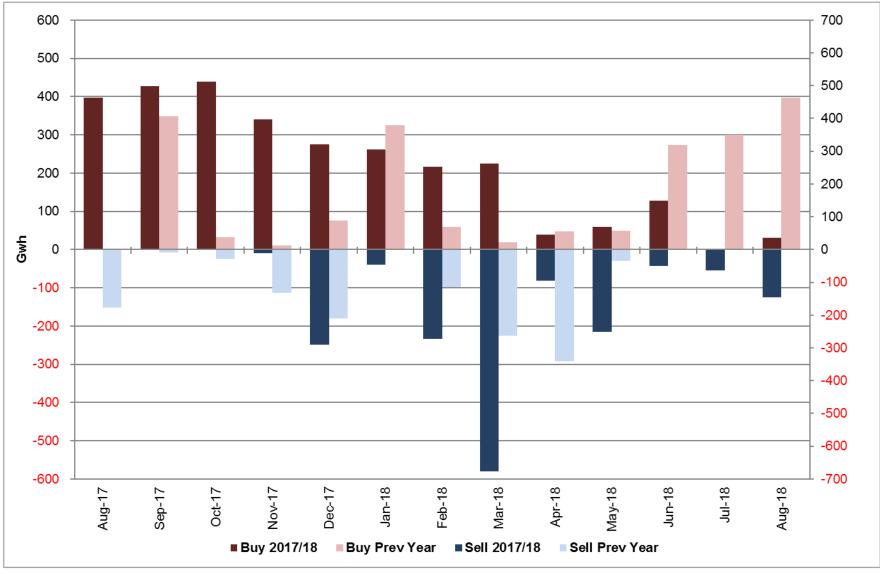
UK Gas Prices

1st August 2017 to 31 August 2018 vs Previous Year



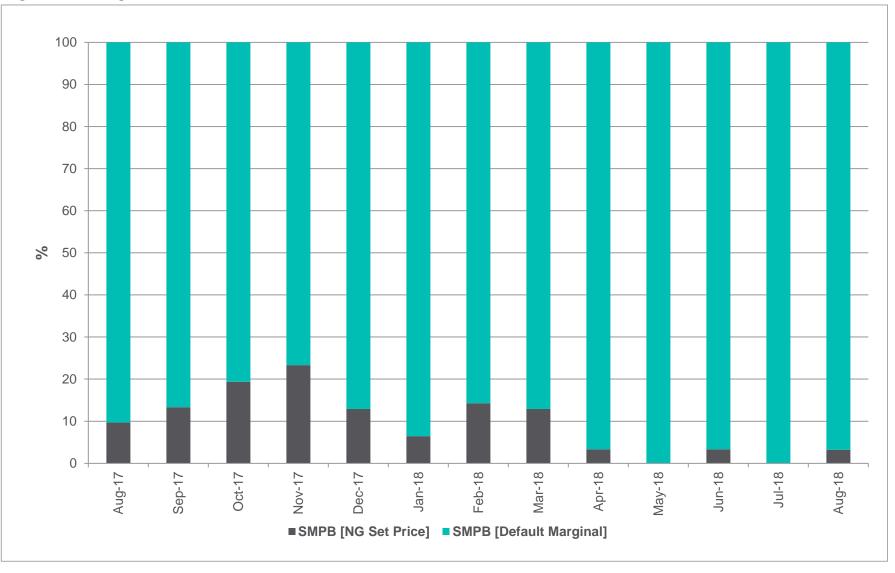
Transporter Energy Traded on the OCM

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



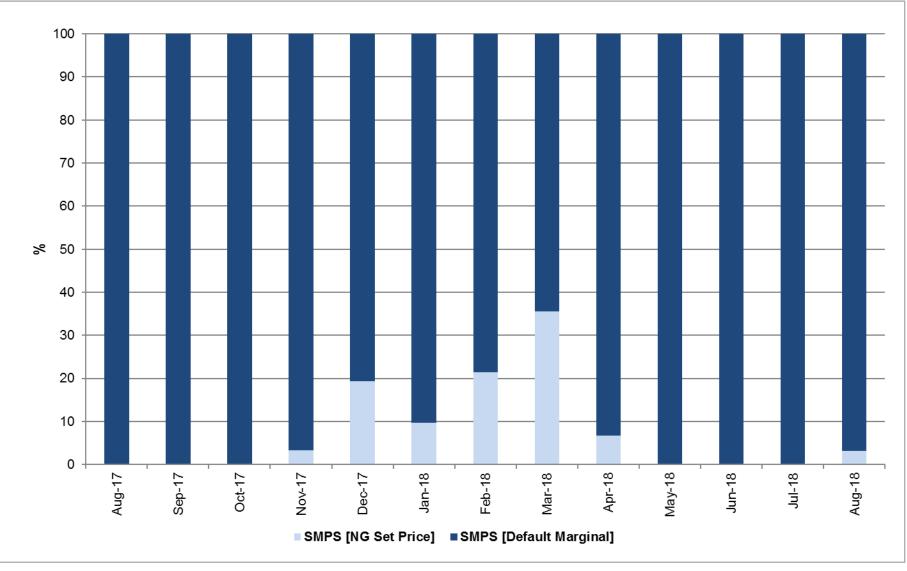
Days of Default SMP Prices (SMPB)

August 2017 to August 2018

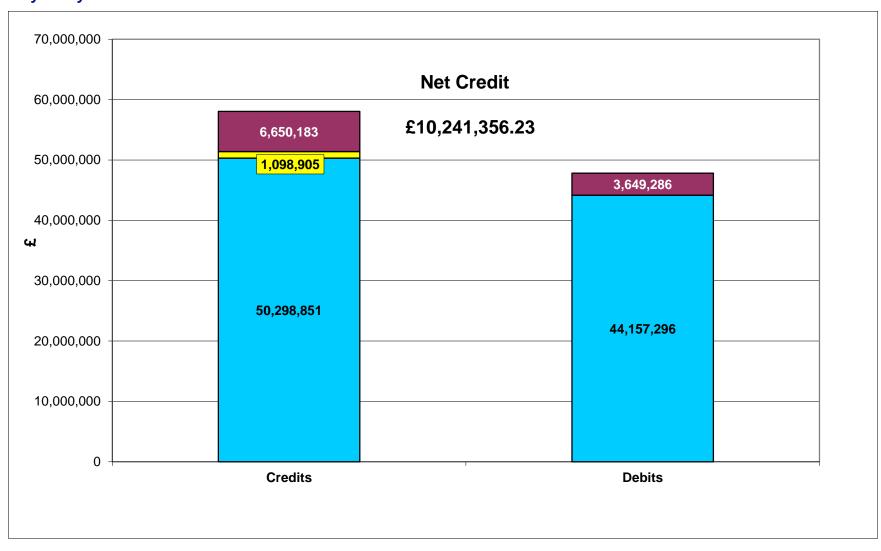


Days of Default SMP Prices (SMPS)

August 2017 to August 2018



Payments / Charges / Net Credit / Debit (Imbalance / Scheduling / OCM) May - July 2018

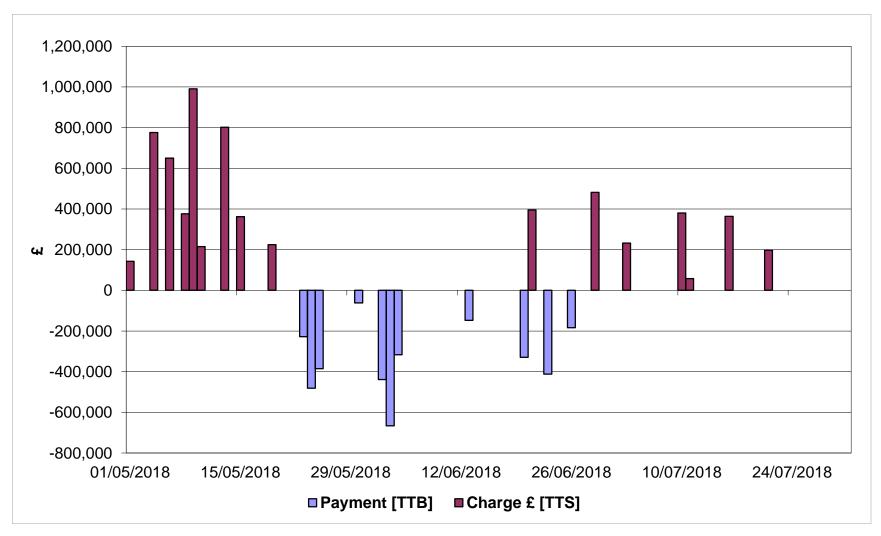


Payments / Charges / Net Credit / Debit (Imbalance / Scheduling / OCM) May - July 2018

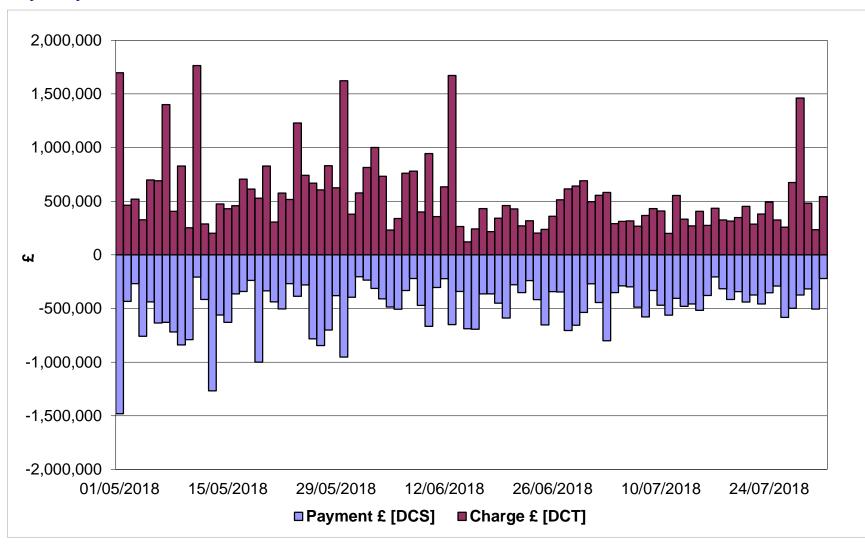
		May-2018	Jun-2018	Jul-2018
Imbalance	Payment £ [DCS]	-18,290,997	-13,043,299	-12,823,001
	Charge £ [DCT]	21,658,417	15,576,351	13,064,082
Scheduling	Exit Charge £ [DXS]	18,248	8,792	0
	Exit Charge £ [EXS]	97,305	85,197	0
	Entry Charge £ [ESC]	487,615	401,748	0
OCM	Payment £ [TTB]	-1,155,777	-2,493,509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

OCM Payments / Charges

May - July 2018

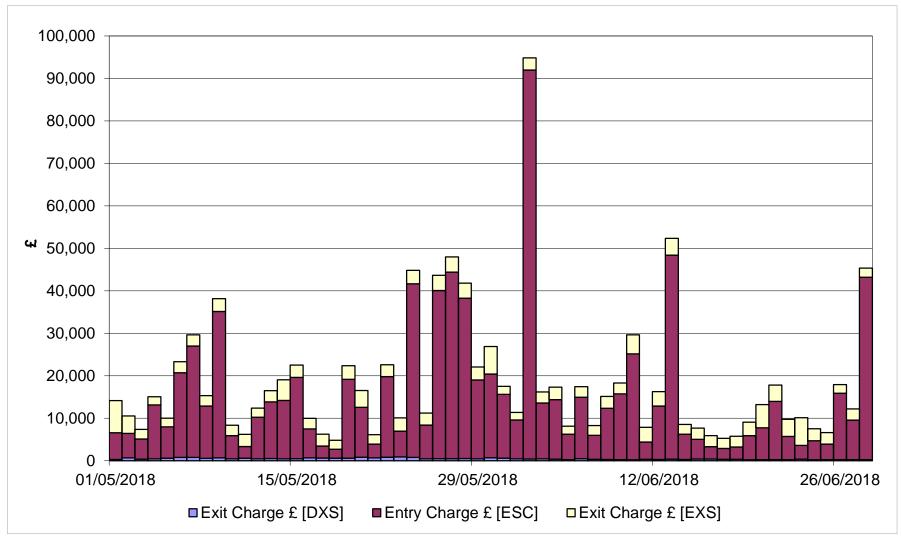


Imbalance Payments / Charges May - July 2018



Scheduling Charges

May - July 2018



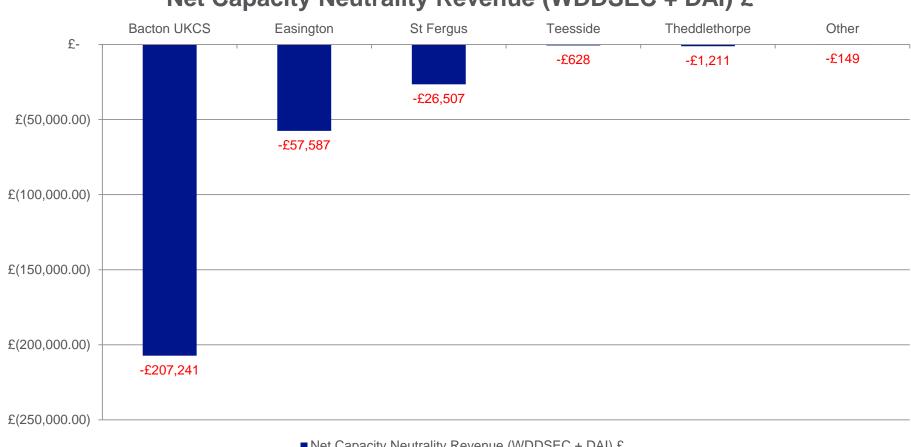
Capacity Neutrality Net Cost / Revenue

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	£O	
Net Revenue	£301,460	

Capacity Neutrality Revenue

1st April 2018 to 31st August 2018



Net Capacity Neutrality Revenue (WDDSEC + DAI) £

Net Capacity Neutrality Revenue (WDDSEC + DAI) £



Operational Overview – Supply, Demand & Storage September 2018

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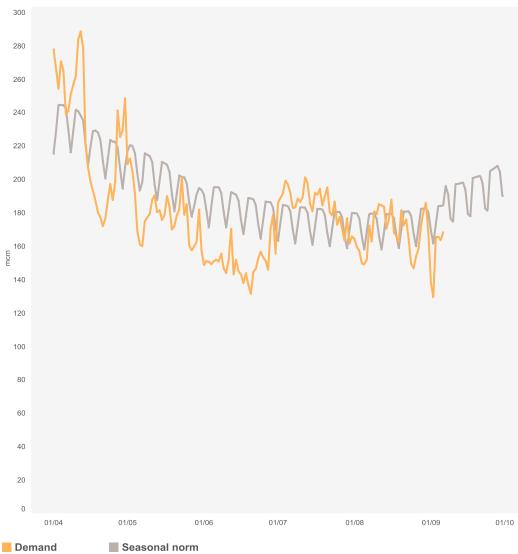
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NTS Demand

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

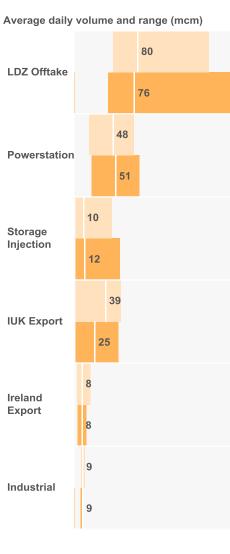


NTS Demand versus seasonal norm

Components of NTS Demand

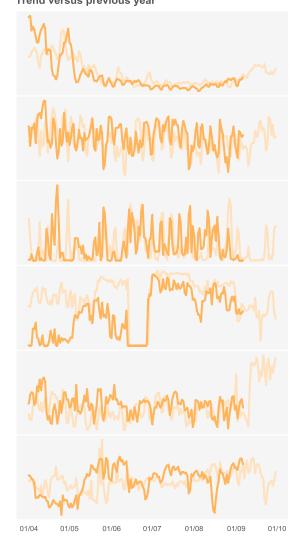
After the volatility at the start of Summer, LDZ demand has now returned to the same levels as last year.

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



2018

Trend versus previous year

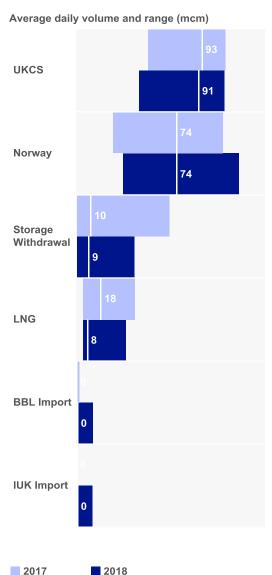


2017

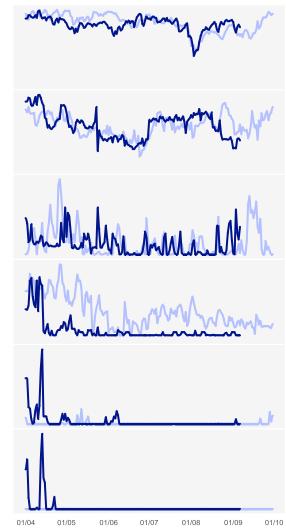
Components of NTS Supply

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.

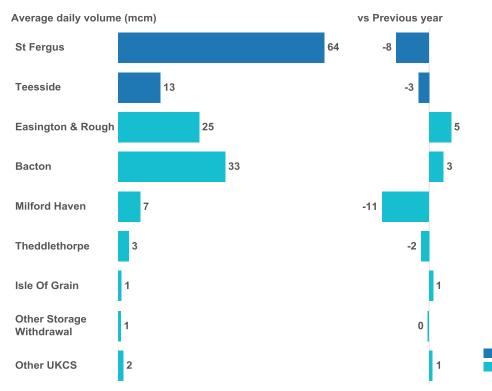


Trend versus previous year



Location of NTS Supply

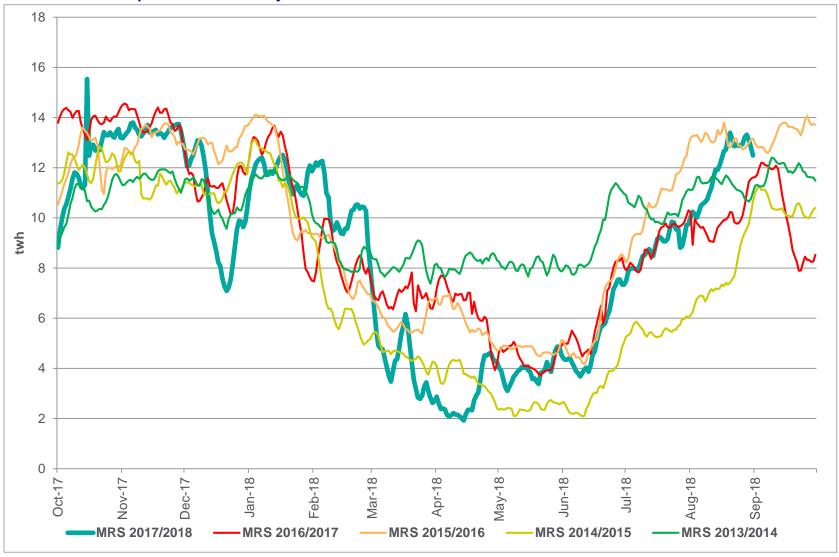
Proportionally, there has been **less gas supplied to the NTS in the North**, when compared to last Summer.





Medium Range Storage Stocks (MRS)

October-End September for last 5 years





Capacity Neutrality Overview

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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	
Total Entry Constraint Management Operational Costs	£720,247	£2,036,738	* Entry Capacity Overrun Revenue data not yet available
Entry Capacity Overrun Revenue	-£123,521	-£1,438,620	for August 2018
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	£O	
Net Revenue	£301,460	

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Capacity Neutrality 1st April 2018 to 31st August 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	-£59,465	-£655	May-18	£0
Jun-18	-£22,460	-£592	Jun-18	
Jul-18	-£29,775	-£534	Jul-18	
Aug-18		-£162	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	-£123,521	-£1,943	Total	£0 (FY18/19)

Net Capacity Neutrality Revenue 1st April 2018 to 31st August 2018

Net Capacity Neutrality Revenue (WDDSEC + DAI) £



■ Net Capacity Neutrality Revenue (WDDSEC + DAI) £

National Grid



National Grid Balancing Actions September 2018

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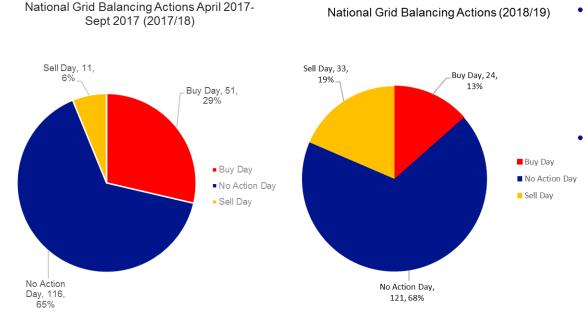
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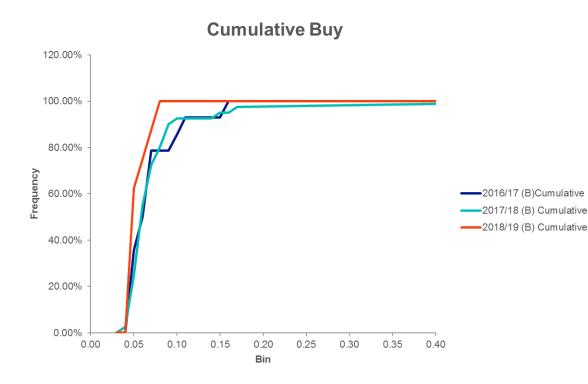
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National Grid Balancing Actions – FY17/18 and FY18/19



- Chart shows the % of Gas Days where National Grid took residual Buy Days, Sell Days and no action for current YTD and Previous Year to same date.
- For same period for both years (April 26th September):
 - NG has taken more Sell Actions in FY18/19 (33) compared to 11 for FY17/18
 - And Less Buy Actions in FY18/19 (24) compared to 52 in FY17/18.
 - Overall % of No Actions day similar (120 in FY17/18 compared to 121)

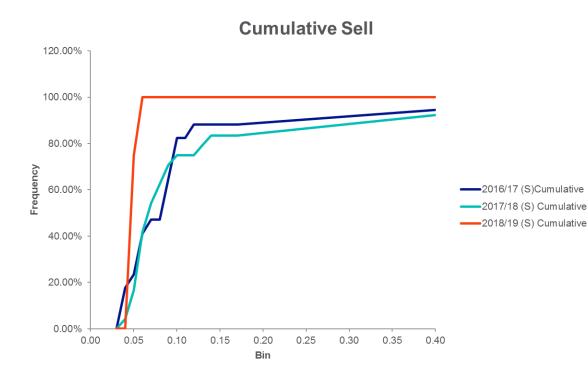
SMP Buy Difference from Default Price



- Chart shows the distribution of difference (in p) of SMP Buy Prices from default SMP(S) for FY 16/17 to 18/19
- Charts show NG has not drastically changed practices and impacting market prices with actions.
- However insufficient data for 18/19 as NG has set SMP (B) on only 8 occasions so far this year.

National Grid

SMP Sell Difference from Default SMP



- Chart shows the distribution of difference (in p) of SMP Sell Prices from default SMP(S) for FY 16/17 to 18/19
- Charts show NG has not drastically changed practices and impacting market prices with actions.
- However insufficient data for 18/19 as NG has set SMP sell on only 4 occasions so far this year.