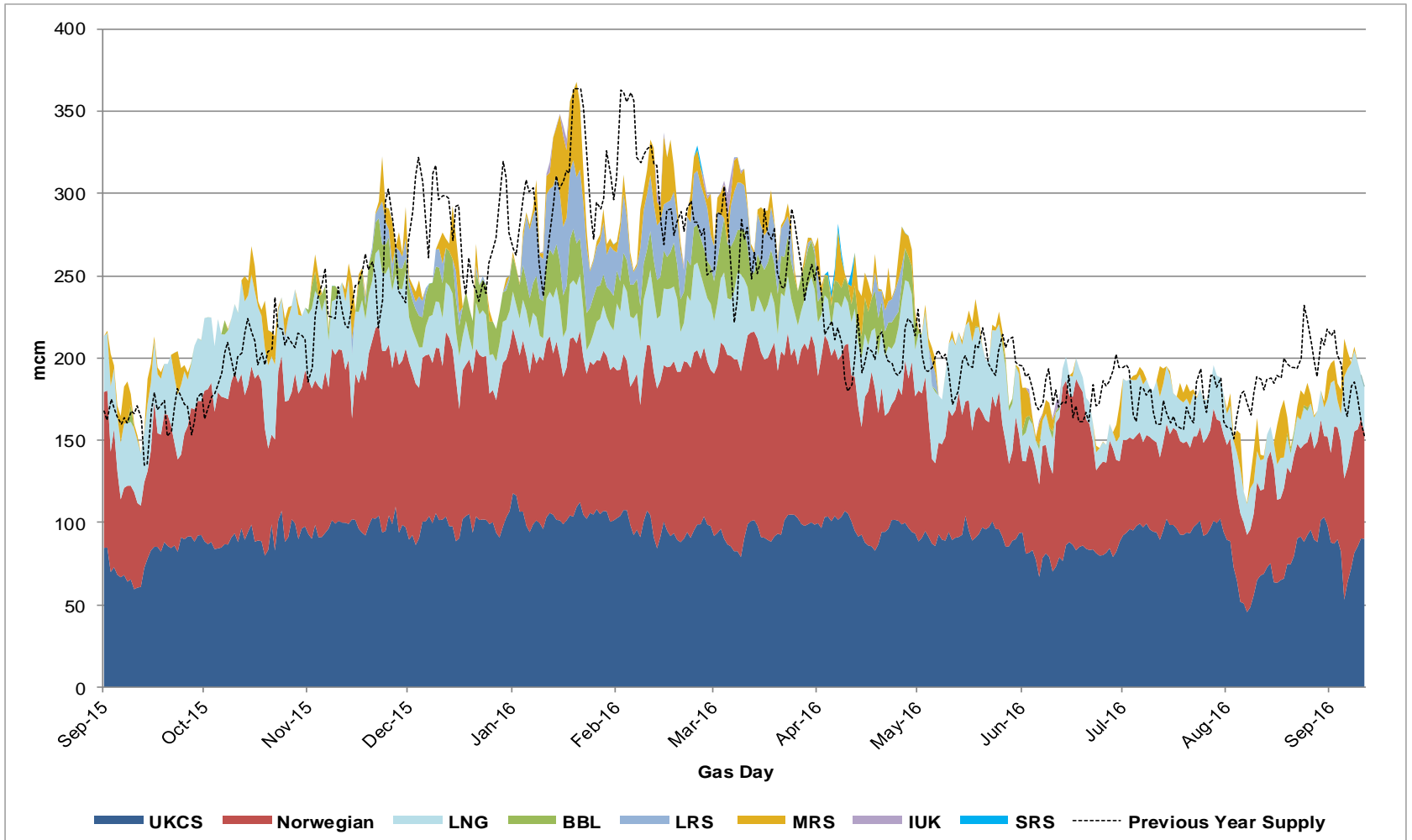


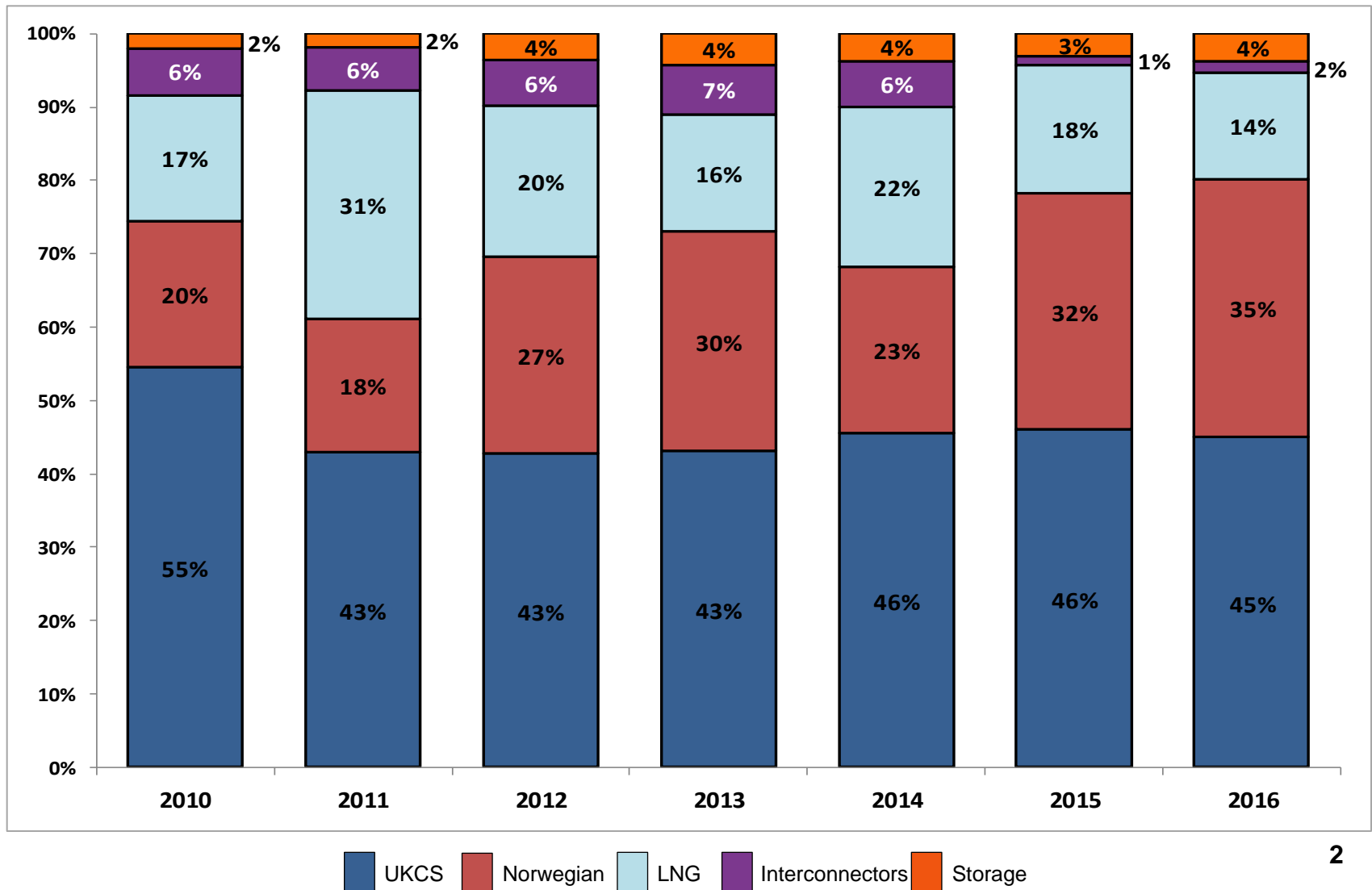
# Gas Supply Breakdown

1<sup>st</sup> September 2015 - 11<sup>th</sup> September 2016 vs Previous Year









# Gas Supply Breakdown

1<sup>st</sup> April to 11<sup>th</sup> September 2016 vs Same Period in Previous Years

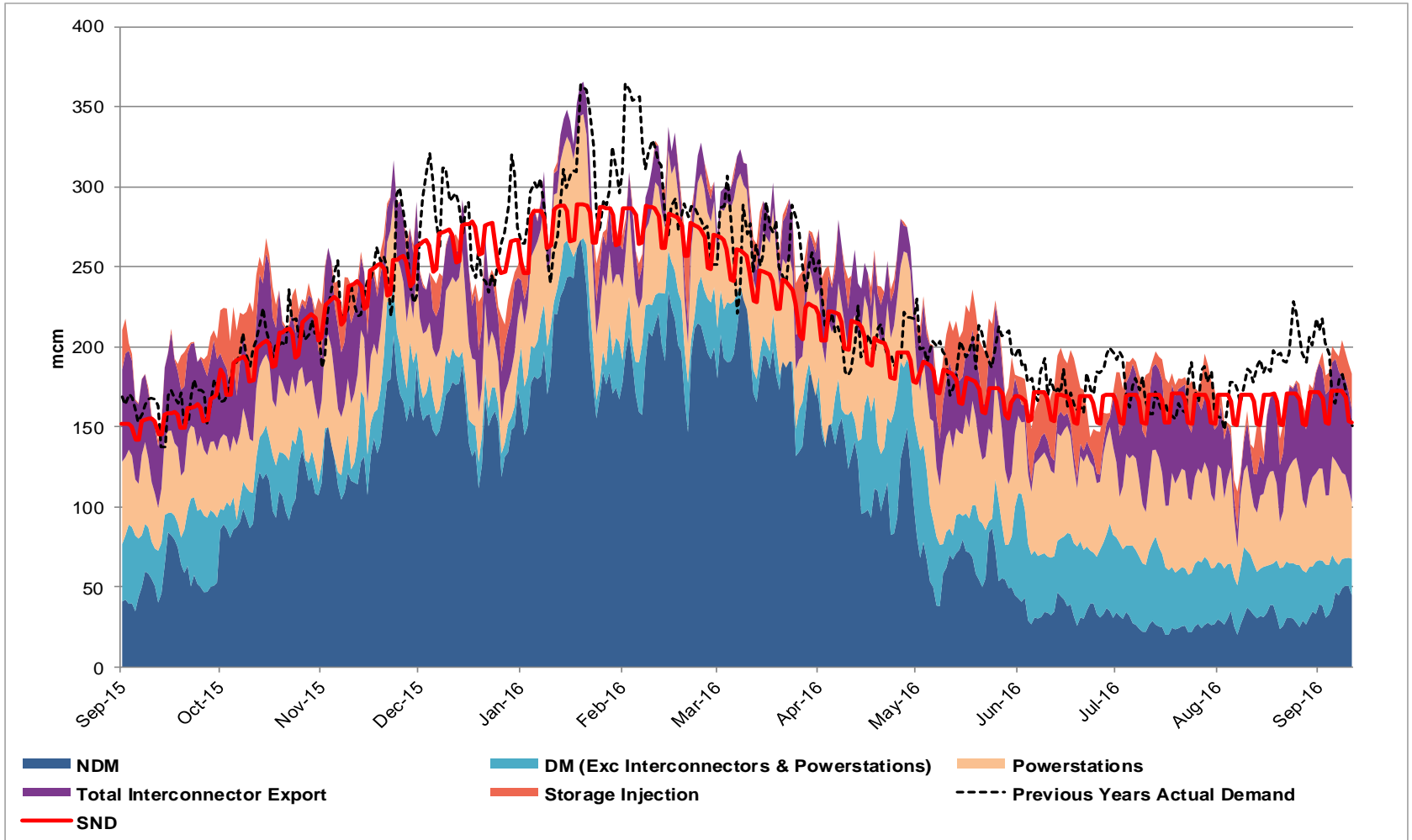


## NTS Supply Summer (mcm): 1<sup>st</sup> April 2016 - 11<sup>th</sup> September 2016

Entry	Min	Max	Avg	Summer Actual Range Apr 2015 - Sep 2015	Comments												
 UKCS	45.6	107.0	88.0	60 - 112	<ul style="list-style-type: none"> <li>Imports through BBL have reduced throughout the summer, an average of 3.1 mcm/d seen since April.</li> <li>We have seen a large range of LNG supplies since April.</li> <li>There have been no Rough withdrawals seen since 6<sup>th</sup> May.</li> <li>High St Fergus Flows have been seen since mid July. Averaging 76.6mcm per day and on a several occasions making up more than 50% of total supply.</li> </ul>												
 NORWEGIAN	43.6	110.6	68.7	35 - 107													
 INTERCONNECTORS BBL	0.0	22.7	3.1	0 - 18													
 INTERCONNECTORS IUK	0.0	5.4	0.1	0													
 LNG	5.1	62.0	28.1	10 - 60													
 STORAGE WITHDRAWAL	0.0	39.1	7.3	0 - 57	<table border="1"> <thead> <tr> <th>Entry</th> <th>Min</th> <th>Max</th> <th>Avg</th> </tr> </thead> <tbody> <tr> <td>Actual Supply</td> <td>112</td> <td>282</td> <td>195</td> </tr> <tr> <td>Actual Supply Exc. Storage</td> <td>111</td> <td>267</td> <td>188</td> </tr> </tbody> </table>	Entry	Min	Max	Avg	Actual Supply	112	282	195	Actual Supply Exc. Storage	111	267	188
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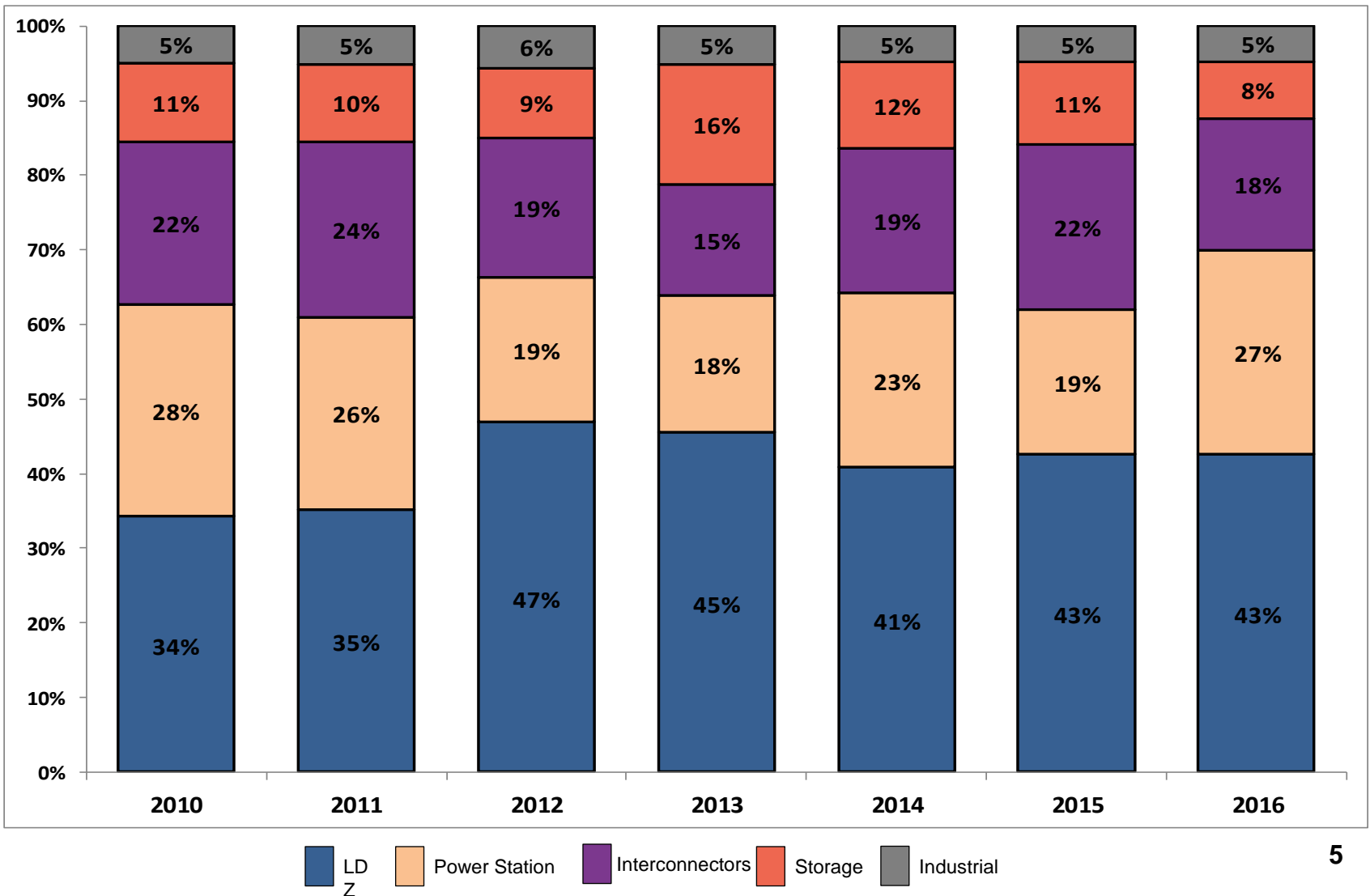
# Gas Demand Breakdown

1<sup>st</sup> September 2015 - 11<sup>th</sup> September 2016 vs Previous Year



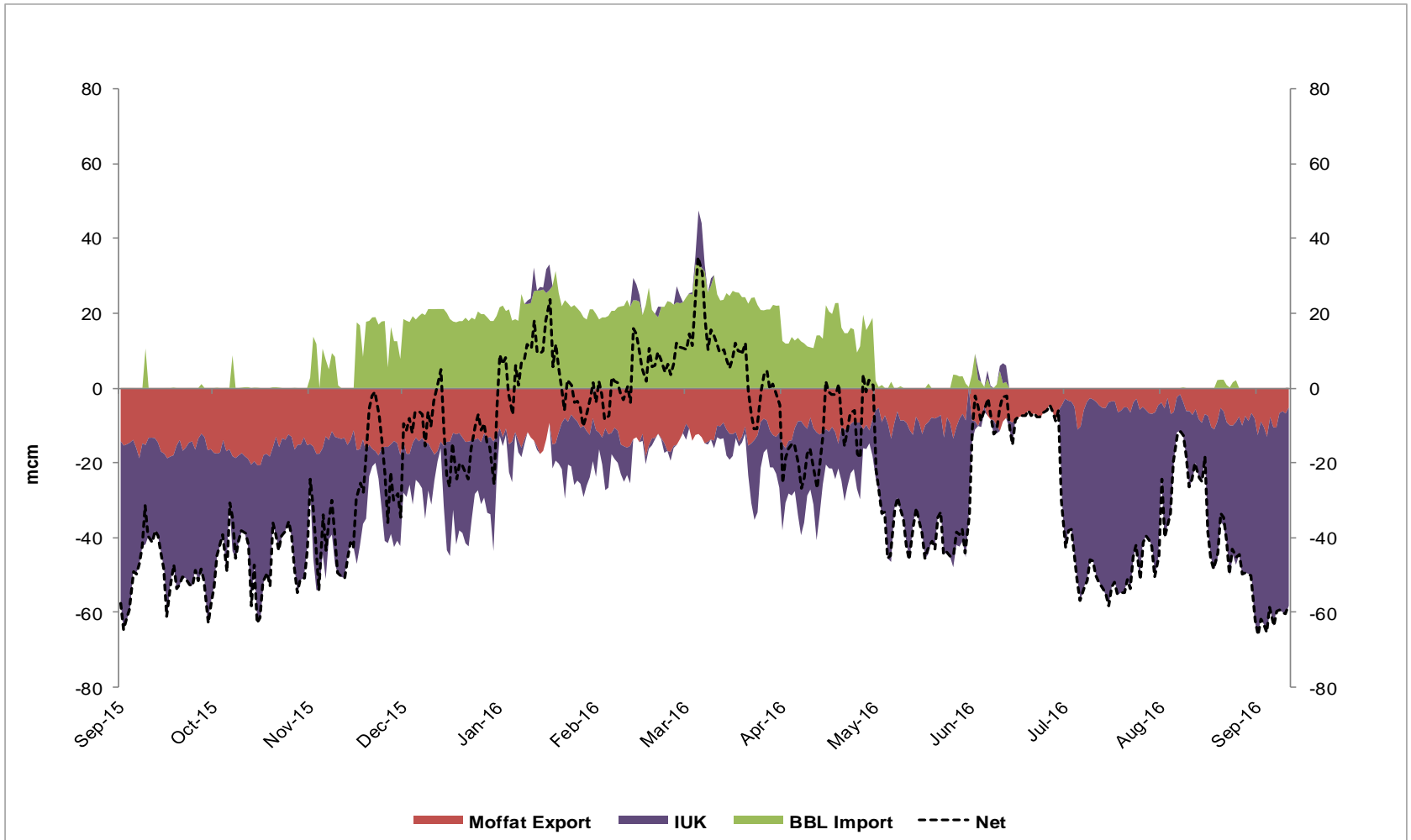
# Gas Demand Breakdown

1<sup>st</sup> April 2016 - 11<sup>th</sup> September 2016 vs Same Period in Previous Years



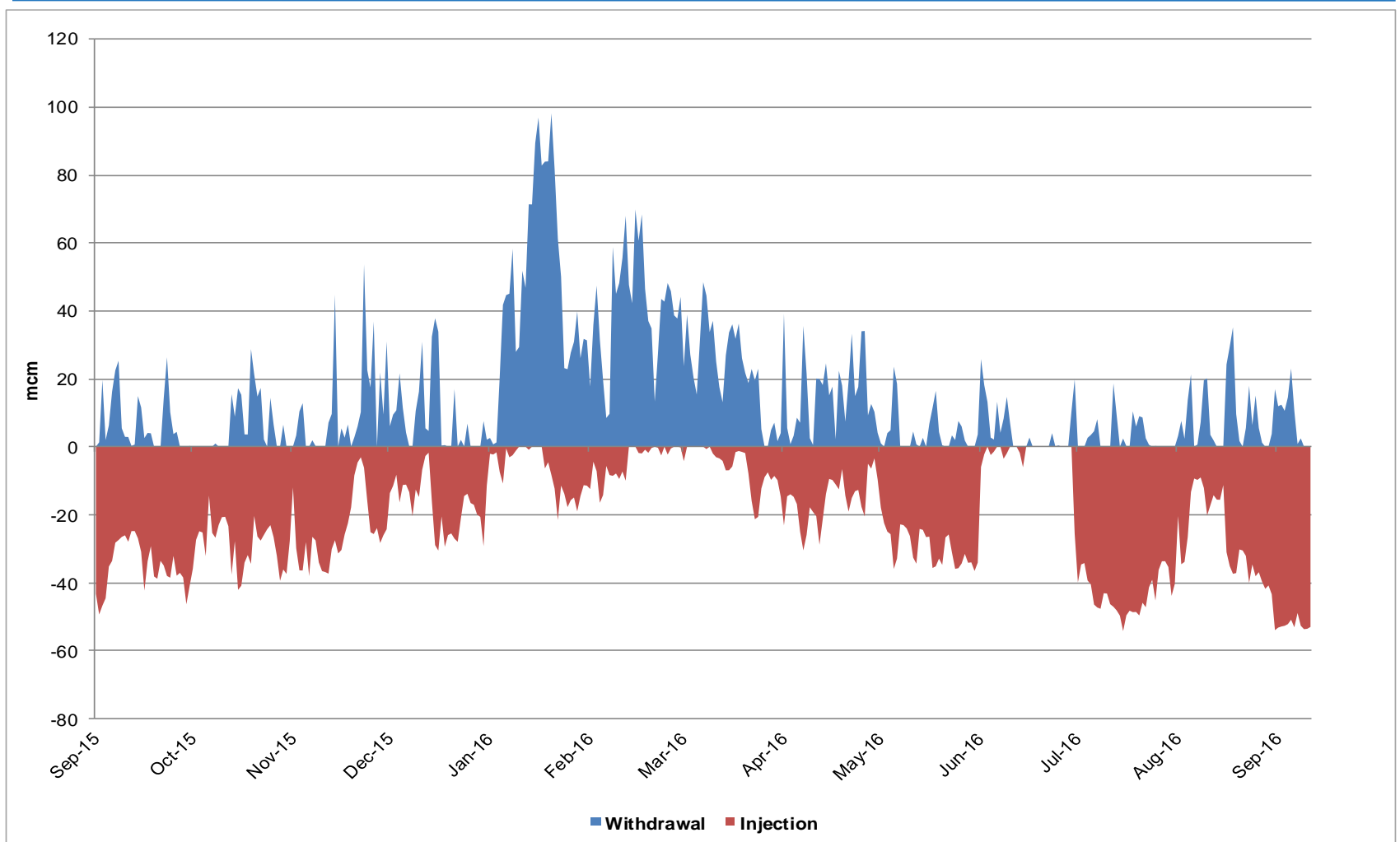
# Gas Supply / Demand Interconnectors

1<sup>st</sup> September 2015 - 11<sup>th</sup> September 2016



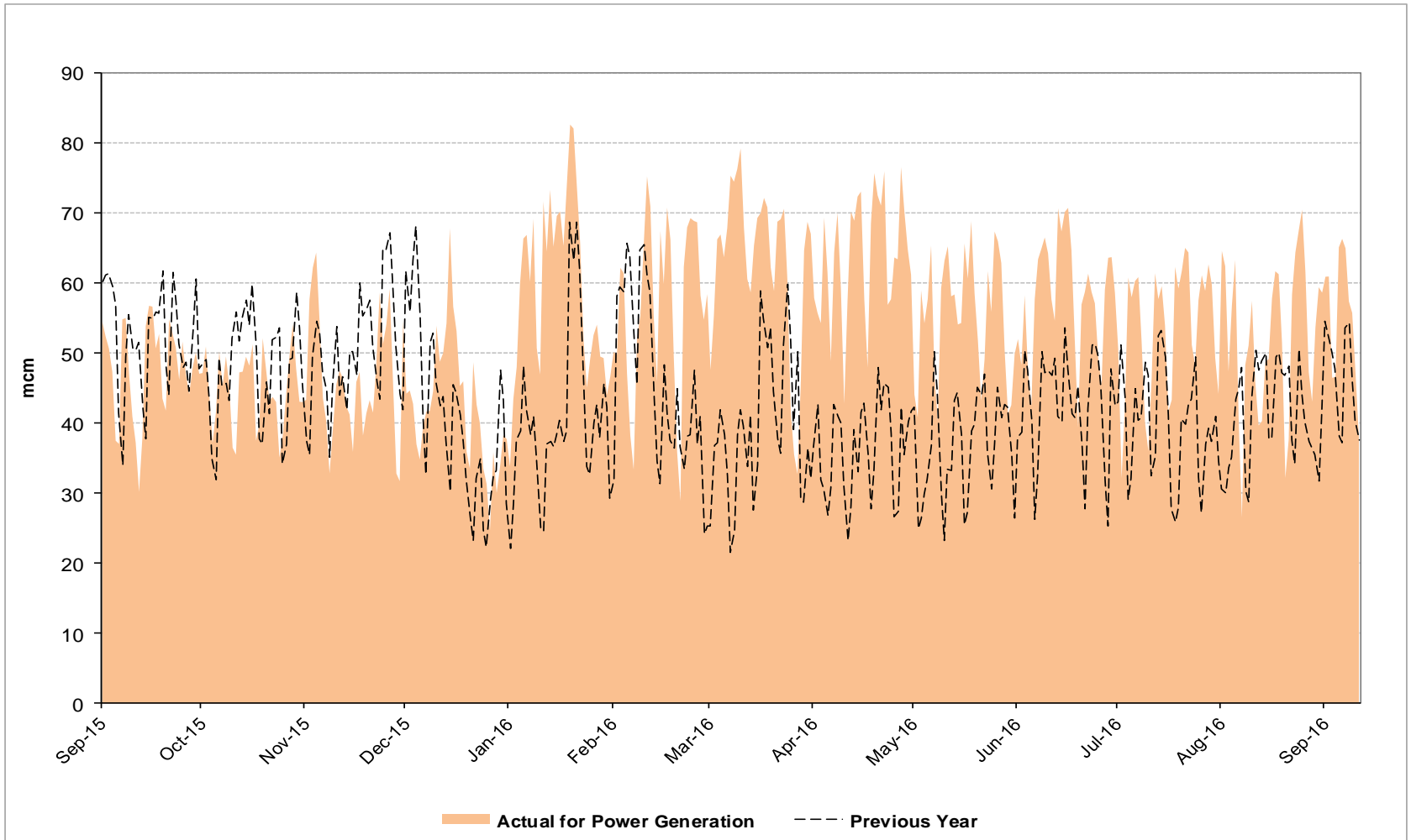
# Gas Supply / Demand Storage

1<sup>st</sup> September 2015 - 11<sup>th</sup> September 2016









# Gas Consumption for Power Generation

1<sup>st</sup> September 2015 - 11<sup>th</sup> September 2016 vs Previous Year



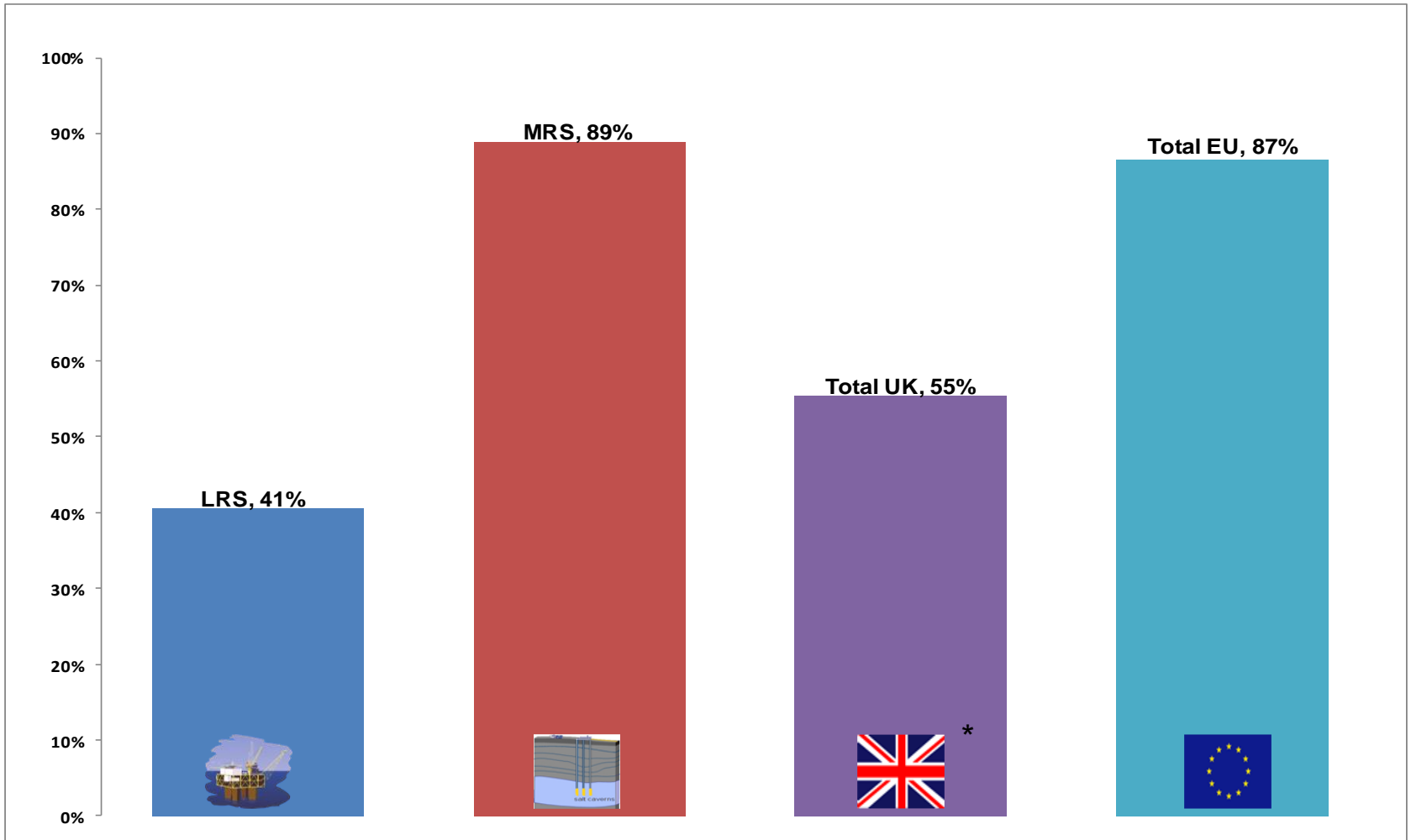


# NTS Demand Summer (mcm): 1<sup>st</sup> April 2016 - 11<sup>th</sup> September 2016

Exit	Min	Max	Avg	Summer Outlook Range Apr 2016 - Sep 2016	Summer Actual Range Apr 2015 - Sep 2015	Comments															
 LDZ	47.1	182.8	82.4	25 - 225	46 - 189	<ul style="list-style-type: none"> <li>Flows to Ireland have diminished since Corrib began flowing.</li> <li>Power station demand continues to remain high as prices remain low, with an average of 53mcm and a high of 72.5mcm since April..</li> <li>IUK exports have averaged 26mcm since April.</li> <li>Rough storage last injected on 29<sup>th</sup> June.</li> </ul>															
 INTERCONNECTORS Ireland	1.7	16.1	8.1	5 - 25	11 - 19																
 INDUSTRIAL	4.0	14.7	9.1	15 - 35 (DM + Ind)	6 - 12 (DM + Ind)																
 POWERSTATION	23.5	72.5	52.9	25 - 100	20 - 52																
 STORAGE INJECTION	0.0	65.8	15.0	0 - 85	0 - 62																
 INTERCONNECTORS IUK	0.0	54.3	25.9	0 - 60	0 - 54																
						<table border="1"> <thead> <tr> <th>Exit</th> <th>Min</th> <th>Max</th> <th>Avg</th> <th>Summer Outlook Range 2016</th> </tr> </thead> <tbody> <tr> <td>Demand exc. IUK &amp; SI</td> <td>76.3</td> <td>270.7</td> <td>152.4</td> <td>90 - 350</td> </tr> <tr> <td>SND exc. IUK &amp; SI</td> <td>93.2</td> <td>212.5</td> <td>129.9</td> <td></td> </tr> </tbody> </table>	Exit	Min	Max	Avg	Summer Outlook Range 2016	Demand exc. IUK & SI	76.3	270.7	152.4	90 - 350	SND exc. IUK & SI	93.2	212.5	129.9	
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# UK and EU Storage Stock

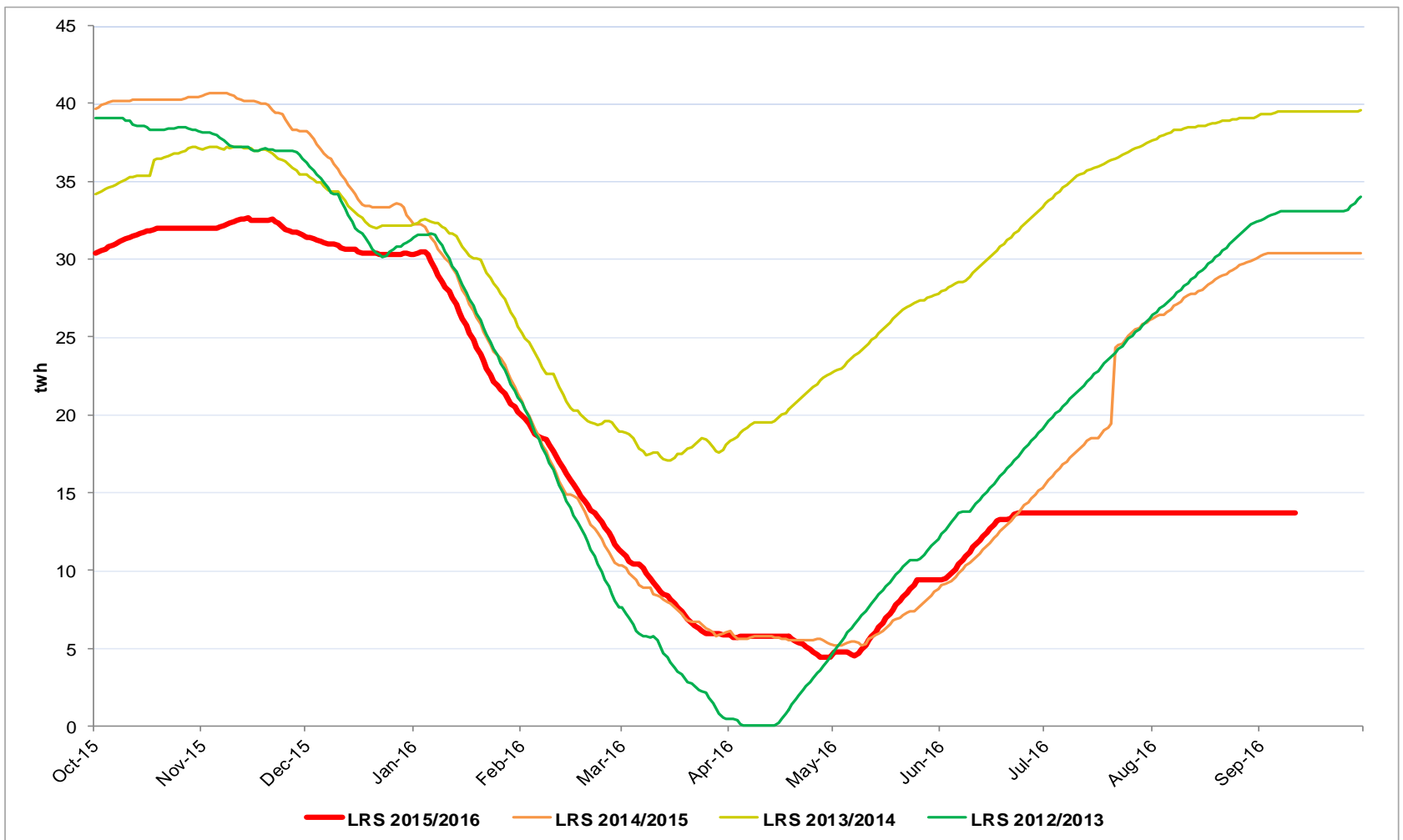
Position as at 11<sup>th</sup> September 2016



\* Note: Total UK includes LNG storage stock

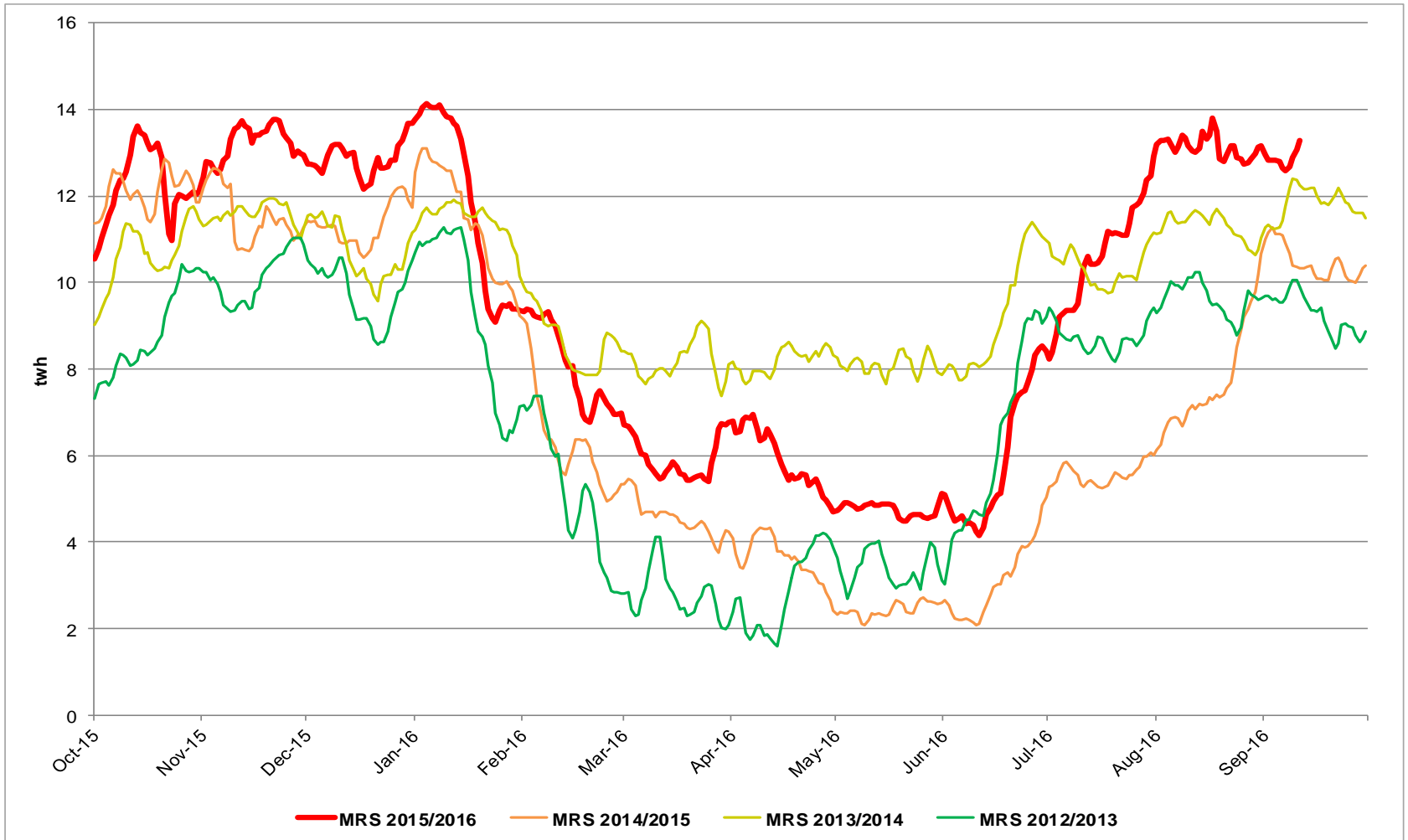
# Storage Stocks: LRS

Position as at 11<sup>th</sup> September 2016



# Storage Stocks: MRS

Position as at 11<sup>th</sup> September 2016



## Energy Balancing: 1<sup>st</sup> April 2016 to 31<sup>st</sup> August 2016

NGG Balancing Actions	Apr 16 to Aug 16	Apr 15 to Aug 15	Comments
Buy Actions	6 (11%)	49 (64%)	<ul style="list-style-type: none"> <li>Sell actions still predominant for period and up on same period last year.</li> </ul>
Sell Actions	47 (89%)	28 (36%)	
Buy Actions [Volume: Gwh]	83	624	
Sell Actions [Volume: Gwh]	-960	-503	
Number of Balancing Actions	53	77	
Number of Material Breaches	0	0	
Number of Non - Material Breaches	0	0	
NGG set Default Marginal Prices [SMPB: Average %]	1%	7%	
NGG set Default Marginal Prices [SMPS: Average %]	6%	4%	

### ICE Exend Market Prices Min / Max

### Net Balancing Costs

	SAP	SMPB	SMPS		Imbalance	Scheduling	OCM	Net
<b>Apr 16 to Aug 16</b>	23.4 – 37.7	24.6 – 39.0	20.5 – 36.6	<b>Apr 16 to Jul 16</b>	£664,742 (DB)	£1,317,399 (CR)	£7,507,291 (CR)	£8,159,949 (CR)
<b>Apr 15 to Aug 15</b>	36.7 – 52.4	37.7 – 55.0	35.7 – 51.1					

Capacity Neutrality: 1<sup>st</sup> April 2016 to 31<sup>st</sup> August 2016

Revenue / Costs	Apr 16 to Aug 16	Apr 15 to Aug 15	Comments
WDDSEC/DAI Entry Capacity Revenue	-£279,744	-£122,922	* Entry Capacity Overrun Revenue data not yet available for August 2016
Total Entry Constraint Management Operational Costs	£0	£0	
Entry Capacity Overrun Revenue	-£442,627 *	-£338,945	
Non-Obligated Sales Revenue (Entry only)	-£2,129	-£8	
Revenue from Locational Sells and PRI Charges	£0	£0	
Net Revenue	-£724,500	-£461,875	

## Customer Outputs: June, July and August 2016

Customer Output	Performance	Success
Capacity Constraints	None	No Scalebacks or Buy Backs
Pressure Obligations	42 Agreed / Assured Pressures not met [ 35 at Non-Significant Offtakes / 7 at Significant Offtakes]	99.61% achieved
Maintenance	135 Maintenance Activities Completed	
Flow Notifications	131,582 OPNs received.	29 rejections
Gas Quality Events	210 events recorded, 0 potential breaches	
Operating Margins	None utilised	
Gas Deficit Warnings	None	
Margins Notices	None	
Balancing Actions	35 Actions [4 Buys 31 Sells]	