



Gas Transportation Management System

Transportation Network Monthly Report

Parameters Entered	
Gas Month	March
Gas Year	2015

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Transportation Network Monthly Report

Month: Mar-2015



1. Entry Point Energy/Volume of Gas

	Moffat		PTL		Isle of Man	
	Total kWh	Total M3	Total kWh	Total M3	Total kWh	Total M3
01/03/2015	110,983,747	9,565,576.6	35,395,505	3,050,702.5	3,842,950	331,220.3
02/03/2015	124,565,650	10,628,771.5	52,400,142	4,471,129.3	4,800,905	409,645.6
03/03/2015	127,149,817	10,934,051.3	47,882,268	4,117,560.8	4,823,465	414,786.3
04/03/2015	130,726,750	11,255,830.6	57,388,007	4,941,220.4	4,662,953	401,489.6
05/03/2015	112,827,582	9,661,031.2	43,571,906	3,730,909.7	4,622,783	395,832.4
06/03/2015	108,890,128	9,249,587.1	38,548,650	3,274,484.9	4,672,360	396,889.9
07/03/2015	93,817,989	8,063,666.6	29,940,250	2,573,367.9	3,541,701	304,409.9
08/03/2015	98,055,942	8,425,796.7	35,162,203	3,021,434.0	2,981,806	256,221.6
09/03/2015	115,837,340	9,953,725.0	42,031,267	3,611,682.6	4,653,637	399,879.6
10/03/2015	138,933,857	11,938,372.7	42,717,441	3,670,644.2	4,448,691	382,269.4
11/03/2015	132,114,404	11,343,815.3	39,511,407	3,392,590.9	4,785,322	410,885.0
12/03/2015	148,775,134	12,787,239.4	49,429,515	4,248,472.7	4,750,809	408,332.2
13/03/2015	157,518,073	13,545,522.2	49,737,020	4,277,058.0	4,500,549	387,017.8
14/03/2015	132,863,606	11,405,273.8	38,600,397	3,313,534.5	3,213,731	275,872.9
15/03/2015	124,182,472	10,684,264.9	36,727,444	3,159,912.4	3,290,117	283,070.9
16/03/2015	137,744,705	11,857,098.0	53,371,200	4,594,205.5	4,717,428	406,076.9
17/03/2015	134,335,905	11,549,095.8	49,849,811	4,285,676.4	4,669,807	401,471.6
18/03/2015	158,133,079	13,646,568.6	51,040,743	4,404,713.9	4,548,509	392,527.2
19/03/2015	151,247,508	13,039,163.6	46,020,840	3,967,492.2	4,498,145	387,788.2
20/03/2015	137,375,212	11,786,626.9	42,565,742	3,652,089.3	4,514,612	387,348.6
21/03/2015	131,109,708	11,291,653.7	39,262,077	3,381,395.9	2,928,182	252,185.7
22/03/2015	105,572,957	9,108,430.7	33,939,520	2,928,172.1	2,987,523	257,751.9
23/03/2015	126,164,302	10,873,973.4	46,044,949	3,968,567.8	4,357,589	375,576.5
24/03/2015	130,693,631	11,238,795.6	46,399,536	3,990,055.5	4,617,988	397,116.4
25/03/2015	131,591,889	11,307,489.1	48,314,814	4,151,617.5	4,459,616	383,207.5
26/03/2015	129,290,108	11,104,106.6	38,831,559	3,335,056.4	4,545,434	390,385.6
27/03/2015	121,763,953	10,441,947.4	45,936,786	3,939,339.0	4,454,751	382,020.2
28/03/2015	96,406,106	8,228,069.6	32,284,488	2,755,417.1	3,065,048	261,595.4
29/03/2015	102,918,397	8,852,538.9	34,520,005	2,969,243.0	2,961,446	254,729.1
30/03/2015	116,298,069	9,993,314.7	46,865,897	4,027,114.3	4,691,394	403,124.2
31/03/2015	111,035,271	9,565,184.3	40,542,862	3,492,583.5	4,731,867	407,629.1
Totals	3,878,923,291	333,326,582.0	1,334,834,251	114,697,444.3	130,341,118	11,198,357.8

	Moffat	
	kWh	M3
Month Min	93,817,989	8,063,666.6
Month Max	158,133,079	13,646,568.6
Month Average	125,126,558	10,752,470.4
YTD Min	77,163,477	6,716,825.7
YTD Max	175,477,373	15,105,134.4
YTD Average	125,759,999	10,855,052.7

Moffat excludes the Isle of Man and Northern Ireland (PTL) flows.

PTL is the Moffat flow for Northern Ireland only.

Isle of Man is the Moffat flow for Isle of Man only.

Currently there are fewer than 3 shippers at Inch. In order to retain Shipper confidentiality, Inch throughput cannot be published.

This situation will be kept under review

Transportation Network Monthly Report

Month: Mar-2015



2. Balancing Actions

	Balancing Buy		Balancing Sell	
	kWh	M3	kWh	M3
01/03/2015	0	0.0	0	0.0
02/03/2015	0	0.0	0	0.0
03/03/2015	0	0.0	0	0.0
04/03/2015	0	0.0	0	0.0
05/03/2015	0	0.0	0	0.0
06/03/2015	0	0.0	0	0.0
07/03/2015	0	0.0	0	0.0
08/03/2015	0	0.0	0	0.0
09/03/2015	0	0.0	0	0.0
10/03/2015	0	0.0	0	0.0
11/03/2015	0	0.0	0	0.0
12/03/2015	0	0.0	0	0.0
13/03/2015	0	0.0	0	0.0
14/03/2015	0	0.0	0	0.0
15/03/2015	0	0.0	0	0.0
16/03/2015	0	0.0	0	0.0
17/03/2015	0	0.0	0	0.0
18/03/2015	0	0.0	0	0.0
19/03/2015	0	0.0	0	0.0
20/03/2015	0	0.0	0	0.0
21/03/2015	0	0.0	0	0.0
22/03/2015	0	0.0	0	0.0
23/03/2015	0	0.0	5,000,000	430,968.5
24/03/2015	0	0.0	0	0.0
25/03/2015	0	0.0	0	0.0
26/03/2015	0	0.0	0	0.0
27/03/2015	0	0.0	0	0.0
28/03/2015	0	0.0	0	0.0
29/03/2015	0	0.0	0	0.0
30/03/2015	0	0.0	0	0.0
31/03/2015	0	0.0	0	0.0
Totals	0	0.0	5,000,000	430,968.5

Balancing and Buy and Sell is measured in Energy. Conversion to Volume has been carried out for indicative purposes only using the Average Daily CV at Beattock

Transportation Network Monthly Report

Month: Mar-2015



3. Imbalance Price (Excluding Northern Irelands Flows)

Balancing Transportation Cost €/kWh	0.070082
Applicable Second Tier Positive Imbalance Multiplier for this Month	0.95
Applicable Second Tier Negative Imbalance Multiplier for this Month	1.05

	System Marginal Price €/kWh		System Average Price €/kWh	First Tier Price €/kWh		Second Tier Price €/kWh		Total First Tier Cost €		Total Second Tier Cost €	
	Buy	Sell		Buy	Sell	Buy	Sell	Buy	Sell	Buy	Sell
01/03/2015	2.425967	2.352608	2.399043	2.399043	2.399043	2.589077	2.209009	21,151.06	(12,110.87)	4,351.46	0.00
02/03/2015	2.356321	2.282401	2.328837	2.328837	2.328837	2.515361	2.142313	84,715.09	0.00	1,378.44	0.00
03/03/2015	2.298516	2.218414	2.264849	2.264849	2.264849	2.448173	2.081525	22,929.42	(9,791.83)	0.00	0.00
04/03/2015	2.319603	2.234169	2.280604	2.280604	2.280604	2.464716	2.096492	17,321.04	(31,345.15)	0.00	(1,860.18)
05/03/2015	2.327679	2.239697	2.286133	2.286133	2.286133	2.470522	2.101744	18,137.42	(20,921.60)	0.00	(2,259.73)
06/03/2015	2.145707	2.030045	2.094585	2.094585	2.094585	2.269396	1.919774	1,662.72	(37,963.34)	0.00	(40.32)
07/03/2015	2.202895	2.094861	2.141297	2.141297	2.141297	2.318444	1.964150	0.00	(62,927.64)	0.00	(4,121.22)
08/03/2015	2.231005	2.122778	2.169214	2.169214	2.169214	2.347757	1.990671	13,350.24	(20,231.51)	0.00	(1,467.10)
09/03/2015	2.324103	2.215235	2.261671	2.261671	2.261671	2.444837	2.078505	35,152.99	(19,862.83)	0.00	(14,083.68)
10/03/2015	2.266133	2.139501	2.185936	2.185936	2.185936	2.365315	2.006557	15,632.99	(24,356.42)	0.00	0.00
11/03/2015	2.354772	2.196716	2.243152	2.243152	2.243152	2.425392	2.060912	11,747.29	(54,447.58)	0.00	(1,133.42)
12/03/2015	2.338598	2.198927	2.245363	2.245363	2.245363	2.427713	2.063013	15,120.54	(10,171.80)	1,935.15	0.00
13/03/2015	2.299756	2.180408	2.226844	2.226844	2.226844	2.408268	2.045420	27,583.78	(28,395.64)	0.00	0.00
14/03/2015	2.275277	2.149451	2.195887	2.195887	2.195887	2.375763	2.016011	143,134.61	(3,484.66)	44,931.19	0.00
15/03/2015	2.309214	2.182896	2.229332	2.229332	2.229332	2.410881	2.047783	30,922.59	(6,086.18)	0.00	0.00
16/03/2015	2.323237	2.196716	2.243152	2.243152	2.243152	2.425392	2.060912	10,316.53	(29,957.12)	694.17	0.00
17/03/2015	2.277658	2.173360	2.219796	2.219796	2.219796	2.400868	2.038724	40,761.32	(21,649.58)	0.00	0.00
18/03/2015	2.295989	2.201277	2.247712	2.247712	2.247712	2.430180	2.065244	1,292.12	(31,370.37)	0.00	(1,409.22)
19/03/2015	2.260894	2.151524	2.197960	2.197960	2.197960	2.377940	2.017980	18,772.44	(59,240.85)	0.00	(753.37)
20/03/2015	2.198071	2.111031	2.157467	2.157467	2.157467	2.335422	1.979512	13,117.93	(22,356.43)	0.00	(1,940.52)
21/03/2015	2.169719	2.101495	2.147931	2.147931	2.147931	2.325410	1.970452	18,523.66	(16,617.25)	0.00	(2,433.92)
22/03/2015	2.156601	2.088228	2.134663	2.134663	2.134663	2.311478	1.957848	12,924.57	(21,564.83)	0.00	(4,368.43)
23/03/2015	2.196912	2.128997	2.175433	2.175433	2.175433	2.354287	1.996579	15,325.53	(34,454.53)	0.00	(3,753.15)
24/03/2015	2.237882	2.178473	2.224909	2.224909	2.224909	2.406236	2.043582	19,858.04	(29,162.58)	0.00	0.00
25/03/2015	2.227291	2.174189	2.220625	2.220625	2.220625	2.401738	2.039512	2,245.65	(28,030.44)	631.20	0.00
26/03/2015	2.272419	2.222007	2.268443	2.268443	2.268443	2.451947	2.084939	28,099.32	(16,221.57)	0.00	(1,391.45)
27/03/2015	2.306659	2.233616	2.280052	2.280052	2.280052	2.464137	2.095967	3,869.23	(51,074.28)	0.00	(3,579.66)
28/03/2015	2.219706	2.155117	2.201553	2.201553	2.201553	2.381713	2.021393	41,469.28	(30,768.12)	9,695.81	(2,560.82)
29/03/2015	2.231578	2.167141	2.213577	2.213577	2.213577	2.394338	2.032816	16,399.48	(31,374.12)	0.00	(4,311.38)
30/03/2015	2.276747	2.212886	2.259321	2.259321	2.259321	2.442369	2.076273	6,742.69	(30,680.47)	766.59	0.00
31/03/2015	2.343461	2.233201	2.279637	2.279637	2.279637	2.463701	2.095573	18,886.39	(21,687.12)	0.00	0.00

First tier Buy/Sell Price = System Average price

Second Tier Sell Price = LOWER OF (System Marginal Sell Price - Balancing Transportation Cost) AND (Applicable Second Tier Positive Imbalance for this Month of the First Tier Sell price - Balancing Transportation Cost)

Second Tier Buy Price = HIGHER OF (System Marginal Buy Price - Balancing Transportation Cost) AND (Applicable Second Tier Negative Imbalance for this Month of the First Tier Buy price - Balancing Transportation Cost)

Transportation Network Monthly Report

Month: Mar-2015



4. Gas Consumption by Market Sector

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
01/03/2015	109,837,191	8,173,102	54,923,740
02/03/2015	134,192,801	10,884,150	65,443,736
03/03/2015	128,882,048	10,889,223	64,939,469
04/03/2015	149,341,524	10,022,605	57,711,777
05/03/2015	120,066,390	8,921,042	51,791,770
06/03/2015	109,282,313	8,528,186	47,785,617
07/03/2015	95,685,381	6,658,426	36,551,384
08/03/2015	108,191,306	7,176,550	38,526,045
09/03/2015	119,145,017	9,382,012	47,387,325
10/03/2015	149,360,231	9,417,137	46,196,041
11/03/2015	138,205,126	9,233,489	46,229,761
12/03/2015	167,439,580	9,711,912	50,074,166
13/03/2015	179,292,928	9,655,322	47,916,386
14/03/2015	143,574,792	8,025,174	47,664,518
15/03/2015	130,880,670	7,618,483	48,178,577
16/03/2015	158,131,859	9,052,339	53,304,367
17/03/2015	158,351,095	8,079,733	48,796,685
18/03/2015	179,897,712	9,567,064	48,303,652
19/03/2015	169,799,200	9,363,259	45,891,218
20/03/2015	155,258,974	8,826,128	44,697,399
21/03/2015	143,843,908	7,353,433	36,131,850
22/03/2015	111,379,295	6,746,217	33,770,024
23/03/2015	134,958,678	9,376,778	42,216,847
24/03/2015	134,895,104	9,912,282	48,141,041
25/03/2015	134,825,803	9,893,309	50,422,224
26/03/2015	136,280,695	9,484,913	45,235,961
27/03/2015	138,555,885	8,695,056	43,262,414
28/03/2015	93,316,139	6,396,368	34,671,926
29/03/2015	97,216,064	7,058,682	38,695,211
30/03/2015	119,641,546	9,142,273	48,451,089
31/03/2015	111,483,497	10,002,796	47,963,454
Totals	4,161,212,752	273,247,443	1,461,275,674

Cleansed Totals	4,167,632,887	273,709,069	1,453,866,010
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Physical Daily Totals Analysis

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
Month Min	93,316,139	6,396,368	33,770,024
Month Max	179,897,712	10,889,223	65,443,736
Month Average	134,232,669	8,814,434	47,137,925
YTD Min	90,160,245	4,815,807	13,700,874
YTD Max	196,142,377	11,185,778	73,463,279
YTD Average	138,191,107	8,410,121	46,637,143
YTD Rolling Total	25,150,781,552	1,530,642,058	8,487,960,062

Cleansed monthly Totals Analysis

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
YTD Min	4,105,648,404	214,242,048	742,420,029
YTD Max	4,345,335,144	289,318,749	1,817,881,859
YTD Average	4,194,574,761	255,849,965	1,413,221,227
YTD Rolling Total	25,167,448,567	1,535,099,792	8,479,327,364

The LDM value includes the off take at Twynholm (PTL) and Glen Moar (Isle of Man)

Transportation Network Monthly Report

Month: Mar-2015



5. Gas Quality

	Barnakyle - Adare (kWh/Nm3)	Ballygarraun Co Galway (kWh/Nm3)	Caherlag Exit Point (kWh/Nm3)	Curraleigh West (kWh/Nm3)	Dublin City (kWh/Nm3)	Gormanston - Node (kWh/Nm3)	Ories (kWh/Nm3)	Springhill - Carlow By Diff. (kWh/Nm3)	Ballyveelish (Clonmel) (kWh/Nm3)
01/03/2015	11.59	11.60	11.26	11.25	11.64	11.62	11.82	11.74	11.83
02/03/2015	11.56	11.62	11.27	11.27	11.63	11.59	11.62	11.67	11.85
03/03/2015	11.54	11.84	11.29	11.28	11.57	11.60	11.61	11.64	11.79
04/03/2015	11.60	11.84	11.31	11.29	11.64	11.70	11.54	11.60	11.64
05/03/2015	11.55	11.68	11.27	11.57	11.65	11.62	11.71	11.60	11.60
06/03/2015	11.81	11.63	11.27	11.42	11.60	11.61	11.63	11.58	11.64
07/03/2015	11.68	11.62	11.26	11.24	11.59	11.62	11.61	11.66	11.73
08/03/2015	11.38	11.58	11.26	11.30	11.65	11.71	11.59	11.57	11.66
09/03/2015	11.77	11.70	11.28	11.60	11.72	11.72	11.60	11.65	11.62
10/03/2015	11.64	11.64	11.33	11.60	11.64	11.63	11.71	11.56	11.64
11/03/2015	11.67	11.62	11.31	11.67	11.63	11.63	11.65	11.69	11.77
12/03/2015	11.59	11.61	11.35	11.62	11.62	11.64	11.64	11.62	11.63
13/03/2015	11.65	11.70	11.39	11.76	11.63	11.64	11.61	11.63	11.64
14/03/2015	11.68	11.74	11.44	11.64	11.64	11.62	11.71	11.62	11.65
15/03/2015	11.57	11.63	11.43	11.62	11.62	11.63	11.63	11.65	11.64
16/03/2015	11.68	11.63	11.45	11.62	11.63	11.65	11.60	11.65	11.63
17/03/2015	11.63	11.64	11.42	11.62	11.62	11.62	11.63	11.63	11.63
18/03/2015	11.64	11.64	11.41	11.63	11.60	11.61	11.64	11.66	11.65
19/03/2015	11.60	11.62	11.44	11.63	11.59	11.63	11.60	11.57	11.62
20/03/2015	11.67	11.63	11.40	11.61	11.60	11.56	11.60	11.64	11.62
21/03/2015	11.59	11.64	11.38	11.59	11.56	11.61	11.60	11.57	11.61
22/03/2015	11.61	11.62	11.42	11.59	11.59	11.66	11.55	11.56	11.58
23/03/2015	11.64	11.61	11.43	11.55	11.63	11.62	11.64	11.59	11.61
24/03/2015	11.59	11.62	11.52	11.58	11.59	11.59	11.65	11.63	11.65
25/03/2015	11.61	11.58	11.41	11.60	11.58	11.60	11.61	11.60	11.61
26/03/2015	11.59	11.62	11.38	11.59	11.59	11.62	11.55	11.58	11.59
27/03/2015	11.67	11.65	11.34	11.59	11.62	11.64	11.68	11.60	11.61
28/03/2015	11.63	11.62	11.30	11.59	11.62	11.64	11.63	11.63	11.61
29/03/2015	11.63	11.59	11.43	11.59	11.63	11.63	11.64	11.69	11.63
30/03/2015	11.58	11.60	11.41	11.36	11.62	11.70	11.63	11.61	11.64
31/03/2015	11.60	11.62	11.16	11.23	11.71	11.64	11.61	11.62	11.64

Transportation Network Monthly Report

Month: Mar-2015



6. Scheduling Charges

Category	Tolerance	Notes
Entry	3%	+ MDQ versus EODQ.
LDM Exit	10%	
DM Exit	20%	
NDM Exit	20%	no charges if nominated as instructed.

Charged Levelled at	5% of the balancing gas price
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Transportation Network Monthly Report

Month: Mar-2015

7. Monthly Shrinkage Total for Transportation

Total Transportation Shrinkage : **85,085,025 kWh**

Transmission Shrinkage % of Entry Throughput was 1.37% for the 12 month period Apr-14 to Mar-15