



Gas Transportation Management System

Transportation Network Monthly Report

Parameters Entered	
Gas Month	January
Gas Year	2015

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1. Entry Point Energy/Volume of Gas

	Moffat		PTL		Isle of Man	
	Total kWh	Total M3	Total kWh	Total M3	Total kWh	Total M3
01/01/2015	96,190,366	8,339,007.9	27,507,985	2,384,743.4	4,079,410	353,655.7
02/01/2015	114,707,872	9,954,460.3	41,180,645	3,573,696.2	4,489,257	389,582.1
03/01/2015	123,487,152	10,702,722.2	41,829,316	3,625,377.4	3,672,451	318,294.1
04/01/2015	108,490,775	9,410,147.5	42,926,437	3,723,303.3	3,782,780	328,106.5
05/01/2015	135,361,805	11,752,808.9	52,696,319	4,575,365.3	4,608,502	400,133.6
06/01/2015	148,035,364	12,948,767.3	49,309,000	4,313,096.2	4,633,379	405,285.7
07/01/2015	130,424,631	11,278,209.2	40,155,580	3,472,374.1	4,608,727	398,530.2
08/01/2015	138,437,491	11,986,297.6	48,321,140	4,183,777.2	4,585,770	397,048.2
09/01/2015	127,934,721	11,096,653.7	47,449,193	4,115,593.6	4,471,636	387,855.5
10/01/2015	123,017,891	10,732,948.8	38,960,174	3,399,160.6	3,866,390	337,331.4
11/01/2015	124,926,694	10,916,238.3	40,505,308	3,539,400.7	3,867,993	337,990.0
12/01/2015	134,958,236	11,723,736.6	42,997,496	3,735,165.3	4,699,840	408,272.5
13/01/2015	143,805,823	12,549,844.8	55,167,740	4,814,454.3	4,893,082	427,016.0
14/01/2015	144,882,130	12,595,441.4	49,536,935	4,306,532.1	4,892,187	425,305.6
15/01/2015	129,736,324	11,241,485.9	49,942,172	4,327,424.8	4,832,138	418,699.0
16/01/2015	147,613,801	12,735,554.5	57,901,040	4,995,480.0	4,852,184	418,627.9
17/01/2015	143,332,645	12,341,223.1	49,128,582	4,230,067.4	4,027,760	346,797.9
18/01/2015	130,197,066	11,176,373.4	42,653,876	3,661,493.2	4,026,771	345,665.5
19/01/2015	165,192,136	14,127,095.6	58,278,666	4,983,943.9	4,940,114	422,474.2
20/01/2015	167,038,795	14,285,020.7	61,865,384	5,290,676.3	4,851,518	414,898.1
21/01/2015	163,353,680	14,047,345.6	67,248,685	5,782,946.0	4,886,188	420,180.1
22/01/2015	156,099,808	13,416,796.4	61,768,213	5,308,984.9	5,021,248	431,576.8
23/01/2015	129,262,528	11,121,336.8	45,212,251	3,889,918.8	4,691,888	403,674.8
24/01/2015	127,122,238	10,948,238.7	43,813,311	3,773,365.0	3,775,551	325,164.2
25/01/2015	110,282,311	9,485,947.0	39,546,640	3,401,609.2	3,637,846	312,909.8
26/01/2015	140,456,528	12,096,637.1	59,970,685	5,164,897.6	4,650,369	400,506.9
27/01/2015	134,620,607	11,605,745.2	54,162,818	4,669,418.4	4,638,884	399,921.3
28/01/2015	133,794,498	11,522,877.6	53,801,359	4,633,572.6	4,792,923	412,784.0
29/01/2015	135,042,017	11,618,586.1	58,003,694	4,990,453.9	4,876,381	419,548.0
30/01/2015	132,148,750	11,392,645.1	46,495,180	4,008,385.0	4,883,928	421,047.1
31/01/2015	128,715,883	11,082,690.9	37,668,183	3,243,305.0	3,971,294	341,935.8
Totals	4,168,670,566	360,232,884.3	1,506,004,007	130,117,981.7	138,508,389	11,970,818.5

	Moffat	
	kWh	M3
Month Min	96,190,366	8,339,007.9
Month Max	167,038,795	14,285,020.7
Month Average	134,473,244	11,620,415.6
YTD Min	77,163,477	6,716,825.7
YTD Max	167,038,795	14,285,020.7
YTD Average	122,434,714	10,594,723.3

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

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2. Balancing Actions

	Balancing Buy		Balancing Sell	
	kWh	M3	kWh	M3
01/01/2015	0	0.0	0	0.0
02/01/2015	0	0.0	0	0.0
03/01/2015	0	0.0	0	0.0
04/01/2015	0	0.0	0	0.0
05/01/2015	0	0.0	0	0.0
06/01/2015	0	0.0	0	0.0
07/01/2015	0	0.0	0	0.0
08/01/2015	0	0.0	0	0.0
09/01/2015	0	0.0	0	0.0
10/01/2015	0	0.0	0	0.0
11/01/2015	0	0.0	0	0.0
12/01/2015	0	0.0	0	0.0
13/01/2015	0	0.0	0	0.0
14/01/2015	0	0.0	0	0.0
15/01/2015	0	0.0	0	0.0
16/01/2015	0	0.0	0	0.0
17/01/2015	0	0.0	0	0.0
18/01/2015	0	0.0	0	0.0
19/01/2015	0	0.0	0	0.0
20/01/2015	10,002,973	855,493.3	0	0.0
21/01/2015	0	0.0	0	0.0
22/01/2015	0	0.0	0	0.0
23/01/2015	0	0.0	0	0.0
24/01/2015	0	0.0	0	0.0
25/01/2015	0	0.0	0	0.0
26/01/2015	0	0.0	0	0.0
27/01/2015	0	0.0	0	0.0
28/01/2015	0	0.0	0	0.0
29/01/2015	0	0.0	0	0.0
30/01/2015	0	0.0	0	0.0
31/01/2015	0	0.0	0	0.0
Totals	10,002,973	855,493.3	0	0.0

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

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3. Imbalance Price (Excluding Northern Irelands Flows)

Balancing Transportation Cost €/kWh	0.067019
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
01/01/2015	2.091923	2.040297	2.084116	2.084116	2.084116	2.255341	1.912891	2,950.74	(33,144.70)	0.00	(4,639.24)
02/01/2015	2.051666	1.999348	2.043166	2.043166	2.043166	2.212343	1.873989	13,912.28	(31,325.57)	1,166.81	0.00
03/01/2015	2.131724	2.084507	2.128325	2.128325	2.128325	2.301760	1.954890	25,892.25	(14,115.40)	1,636.46	0.00
04/01/2015	2.162132	2.119327	2.163146	2.163146	2.163146	2.338322	1.987970	17,701.30	(15,363.27)	3,220.48	0.00
05/01/2015	2.116009	2.072248	2.116067	2.116067	2.116067	2.288889	1.943245	4,317.79	(28,672.66)	0.00	(766.86)
06/01/2015	2.026396	1.973526	2.028560	2.028560	2.028560	2.197007	1.860113	13,636.77	(66,300.90)	0.00	(25,431.13)
07/01/2015	2.019302	1.972483	2.016301	2.016301	2.016301	2.184135	1.848467	22,374.41	(20,178.20)	0.00	0.00
08/01/2015	2.053899	2.004564	2.048383	2.048383	2.048383	2.217821	1.878945	23,745.63	(13,717.20)	391.87	0.00
09/01/2015	2.046673	1.994001	2.037819	2.037819	2.037819	2.206729	1.868909	29,533.36	(35,216.00)	0.00	0.00
10/01/2015	2.051983	1.997261	2.041080	2.041080	2.041080	2.210153	1.872007	43,064.06	(11,322.65)	0.00	0.00
11/01/2015	2.083943	2.029734	2.073552	2.073552	2.073552	2.244249	1.902855	2,092.26	(14,470.43)	38.08	0.00
12/01/2015	2.151328	2.098200	2.142019	2.142019	2.142019	2.316139	1.967899	28,503.57	(8,752.81)	0.00	0.00
13/01/2015	2.161194	2.101461	2.145279	2.145279	2.145279	2.319562	1.970996	59,359.51	0.00	150.75	0.00
14/01/2015	2.200567	2.133542	2.177360	2.177360	2.177360	2.353247	2.001473	8,875.68	(52,449.89)	0.00	(1,073.85)
15/01/2015	2.134776	2.046818	2.090636	2.090636	2.090636	2.262187	1.919085	26,210.22	(11,245.37)	0.00	0.00
16/01/2015	2.127145	2.030908	2.074726	2.074726	2.074726	2.245481	1.903971	16,368.61	(3,801.71)	0.00	0.00
17/01/2015	2.062761	1.974048	2.017866	2.017866	2.017866	2.185778	1.849954	49,466.23	(12,377.07)	0.00	0.00
18/01/2015	2.054411	1.965702	2.009520	2.009520	2.009520	2.177015	1.842025	27,477.37	(13,682.06)	2,082.62	0.00
19/01/2015	2.028184	1.939489	1.983307	1.983307	1.983307	2.149491	1.817123	30,884.58	(26,814.77)	2,798.47	0.00
20/01/2015	2.023439	1.927621	1.971440	1.971440	1.971440	2.137031	1.805849	24,854.85	(3,801.23)	0.00	0.00
21/01/2015	2.033894	1.944575	1.990871	1.990871	1.990871	2.157434	1.824308	25,854.51	(9,464.56)	0.00	0.00
22/01/2015	2.057824	1.963745	2.007564	2.007564	2.007564	2.174961	1.840167	14,804.06	(44,685.88)	0.00	0.00
23/01/2015	2.044293	1.904669	1.948487	1.948487	1.948487	2.112930	1.784044	21,529.86	(14,451.81)	0.00	(826.67)
24/01/2015	2.050471	1.915102	1.958920	1.958920	1.958920	2.123885	1.793955	8,365.71	(62,891.30)	0.00	(2,983.19)
25/01/2015	2.035650	1.900626	1.944444	1.944444	1.944444	2.108685	1.780203	1,495.90	(90,819.76)	0.00	(12,467.45)
26/01/2015	2.066761	1.931012	1.974830	1.974830	1.974830	2.140591	1.809070	4,183.40	(39,322.74)	0.00	(860.76)
27/01/2015	2.104650	1.963354	2.007173	2.007173	2.007173	2.174551	1.839795	4,460.10	(19,396.16)	0.00	0.00
28/01/2015	2.180417	2.035342	2.079160	2.079160	2.079160	2.250137	1.908183	64,372.44	(1,749.32)	0.00	0.00
29/01/2015	2.280842	2.136541	2.180360	2.180360	2.180360	2.356397	2.004323	49,831.44	(6,999.82)	0.00	0.00
30/01/2015	2.275596	2.141367	2.185185	2.185185	2.185185	2.361463	2.008907	17,114.07	(20,962.19)	0.00	0.00
31/01/2015	2.242758	2.113589	2.157407	2.157407	2.157407	2.332296	1.982518	8,887.19	(52,377.16)	0.00	(730.82)

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)

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4. Gas Consumption by Market Sector

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
01/01/2015	94,177,865	6,119,207	40,201,318
02/01/2015	120,413,821	8,225,580	51,423,983
03/01/2015	132,473,030	7,922,881	51,236,319
04/01/2015	118,299,046	7,481,115	53,145,079
05/01/2015	140,830,133	8,955,353	50,840,001
06/01/2015	139,983,444	9,818,547	54,724,727
07/01/2015	122,483,616	9,304,307	51,755,083
08/01/2015	137,534,221	9,441,303	53,684,961
09/01/2015	127,137,980	8,370,682	48,466,340
10/01/2015	113,602,601	8,227,159	50,448,921
11/01/2015	112,712,216	7,613,364	53,281,519
12/01/2015	125,203,748	9,923,248	57,204,136
13/01/2015	147,227,152	11,050,018	67,114,429
14/01/2015	130,444,155	10,518,387	69,369,952
15/01/2015	134,422,636	10,513,304	67,549,285
16/01/2015	157,466,310	10,385,491	67,519,907
17/01/2015	149,674,234	8,904,229	64,441,118
18/01/2015	133,828,460	8,575,301	63,837,282
19/01/2015	172,979,921	11,040,537	73,463,279
20/01/2015	175,544,546	10,572,303	67,529,151
21/01/2015	188,678,984	10,550,758	65,809,062
22/01/2015	173,575,970	10,240,494	64,483,978
23/01/2015	134,180,332	9,280,055	59,135,581
24/01/2015	129,330,591	7,822,999	56,806,346
25/01/2015	110,075,084	6,880,225	47,769,413
26/01/2015	158,485,421	9,851,528	56,336,829
27/01/2015	143,115,084	9,754,553	55,727,503
28/01/2015	134,346,438	11,040,706	62,627,901
29/01/2015	137,745,304	11,037,515	69,471,276
30/01/2015	122,319,285	10,243,451	64,167,217
31/01/2015	100,777,534	9,033,131	63,032,324
Totals	4,219,069,162	288,697,731	1,822,604,220

Cleansed Totals	4,229,257,701	289,318,749	1,817,881,859
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Physical Daily Totals Analysis

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
Month Min	94,177,865	6,119,207	40,201,318
Month Max	188,678,984	11,050,018	73,463,279
Month Average	136,099,005	9,312,830	58,793,685
YTD Min	90,160,245	4,815,807	13,700,874
YTD Max	190,482,704	11,050,018	73,463,279
YTD Average	137,274,292	8,093,254	43,959,841
YTD Rolling Total	16,884,737,930	995,470,267	5,407,060,419

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	4,223,486,196	249,766,918	1,351,783,717
YTD Rolling Total	16,893,944,782	999,067,670	5,407,134,869

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

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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)
01/01/2015	11.35	11.44	11.27	11.26	11.50	11.52	11.45	11.54	11.51
02/01/2015	11.41	11.51	11.30	11.26	11.51	11.51	11.54	11.48	11.51
03/01/2015	11.48	11.51	11.30	11.44	11.49	11.52	11.55	11.53	11.52
04/01/2015	11.51	11.49	11.27	11.26	11.53	11.52	11.46	11.51	11.52
05/01/2015	11.47	11.51	11.29	11.45	11.51	11.53	11.50	11.47	11.52
06/01/2015	11.50	11.52	11.33	11.52	11.52	11.52	11.56	11.55	11.52
07/01/2015	11.50	11.52	11.31	11.51	11.51	11.50	11.51	11.49	11.53
08/01/2015	11.52	11.52	11.34	11.52	11.49	11.49	11.52	11.55	11.53
09/01/2015	11.45	11.54	11.35	11.54	11.52	11.57	11.47	11.48	11.52
10/01/2015	11.55	11.52	11.46	11.51	11.54	11.54	11.58	11.55	11.52
11/01/2015	11.50	11.51	11.39	11.52	11.52	11.53	11.55	11.55	11.55
12/01/2015	11.50	11.49	11.37	11.52	11.50	11.44	11.54	11.52	11.55
13/01/2015	11.51	11.56	11.36	11.51	11.42	11.45	11.45	11.54	11.53
14/01/2015	11.56	11.54	11.36	11.54	11.50	11.50	11.45	11.41	11.47
15/01/2015	11.56	11.53	11.30	11.52	11.43	11.43	11.48	11.52	11.45
16/01/2015	11.55	11.44	11.35	11.52	11.48	11.50	11.44	11.48	11.51
17/01/2015	11.47	11.43	11.34	11.45	11.52	11.58	11.49	11.55	11.45
18/01/2015	11.47	11.50	11.30	11.53	11.57	11.57	11.59	11.53	11.51
19/01/2015	11.40	11.46	11.33	11.54	11.59	11.63	11.59	11.59	11.55
20/01/2015	11.49	11.50	11.36	11.52	11.62	11.67	11.63	11.58	11.59
21/01/2015	11.53	11.59	11.34	11.62	11.68	11.69	11.66	11.65	11.64
22/01/2015	11.58	11.59	11.40	11.60	11.66	11.66	11.65	11.68	11.68
23/01/2015	11.58	11.64	11.31	11.67	11.62	11.62	11.68	11.72	11.70
24/01/2015	11.59	11.69	11.27	11.68	11.61	11.62	11.61	11.64	11.70
25/01/2015	11.61	11.68	11.27	11.68	11.60	11.62	11.61	11.66	11.66
26/01/2015	11.64	11.68	11.30	11.64	11.60	11.61	11.59	11.65	11.62
27/01/2015	11.65	11.62	11.47	11.60	11.60	11.62	11.62	11.58	11.62
28/01/2015	11.60	11.62	11.42	11.60	11.60	11.60	11.64	11.63	11.62
29/01/2015	11.65	11.62	11.38	11.61	11.58	11.60	11.62	11.61	11.62
30/01/2015	11.57	11.60	11.38	11.60	11.58	11.61	11.62	11.65	11.61
31/01/2015	11.62	11.62	11.27	11.62	11.60	11.61	11.54	11.62	11.60

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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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7. Monthly Shrinkage Total for Transportation

Total Transportation Shrinkage : **83,519,349 kWh**

Transmission Shrinkage % of Entry Throughput was 1.36% for the 12 month period Feb-14 to Jan-15