



Gas Transportation Management System

Transportation Network Monthly Report

Parameters Entered	
Gas Month	April
Gas Year	2015

DISCLAIMER

The information contained in the attached Transportation Network Monthly Report and such information as may be issued from time to time by Ervia trading as Gas Networks Ireland ("GNI") ("the Information") is made available on the understanding that the GNI and its employees and agents shall have no liability (including liability by reason of negligence) to the users for any loss, damage, cost or expense incurred or arising by reason of any person using or relying on the Information and whether caused by reason of any error, negligent act, omission or misrepresentation in the Information or otherwise. Furthermore, whilst the Information is considered to be true and correct at the date of publication, changes in circumstances after the time of publication may impact on the accuracy of the Information. The Information may change without notice and the GNI shall not in any way be liable for the accuracy of any information printed and stored or in any way interpreted and used by a user.

Transportation Network Monthly Report

Month: Apr-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
01/04/2015	132,986,266	11,438,831.2	47,214,382	4,061,151.1	4,621,401	397,510.6
02/04/2015	135,735,633	11,669,433.4	49,375,524	4,244,901.2	4,477,602	384,947.3
03/04/2015	121,331,117	10,410,063.5	42,306,789	3,629,871.8	3,306,538	283,697.2
04/04/2015	131,091,771	11,241,861.1	42,330,135	3,630,048.1	2,889,400	247,782.2
05/04/2015	122,606,546	10,530,087.5	35,881,559	3,081,694.7	3,022,854	259,618.7
06/04/2015	121,527,553	10,354,001.6	36,531,987	3,112,481.3	2,940,894	250,560.6
07/04/2015	138,441,606	11,678,392.0	40,795,861	3,441,379.0	4,051,378	341,758.6
08/04/2015	123,620,004	10,407,510.7	45,629,624	3,841,537.2	3,994,730	336,314.6
09/04/2015	118,700,396	10,095,482.1	42,274,973	3,595,491.0	2,735,569	232,660.4
10/04/2015	113,883,578	9,768,617.0	31,460,582	2,698,600.9	2,877,954	246,863.1
11/04/2015	108,473,696	9,351,600.0	28,672,493	2,471,877.1	2,876,055	247,947.1
12/04/2015	117,450,132	10,184,663.6	38,112,986	3,304,959.7	3,025,749	262,377.2
13/04/2015	113,648,729	9,852,521.3	39,510,134	3,425,242.3	3,930,438	340,740.9
14/04/2015	101,280,664	8,762,485.6	42,054,838	3,638,452.3	4,275,175	369,874.8
15/04/2015	139,242,804	11,928,863.5	51,620,021	4,422,262.5	4,137,175	354,429.9
16/04/2015	144,508,998	12,404,937.8	52,075,778	4,470,287.8	4,115,636	353,294.7
17/04/2015	135,839,114	11,672,446.8	45,779,736	3,933,782.3	3,692,022	317,249.8
18/04/2015	109,375,478	9,346,671.6	39,471,794	3,373,059.0	2,697,324	230,499.9
19/04/2015	117,121,576	10,036,268.5	46,098,693	3,950,245.0	2,712,891	232,470.0
20/04/2015	138,070,002	11,840,283.8	60,533,367	5,191,078.8	2,618,962	224,590.7
21/04/2015	130,213,952	9,910,902.9	61,699,806	4,696,123.7	2,041,320	155,369.4
22/04/2015	125,004,563	10,741,449.7	61,751,850	5,306,241.6	622,059	53,452.2
23/04/2015	124,569,172	10,693,263.3	66,240,001	5,686,172.4	556,929	47,808.3
24/04/2015	120,617,830	10,388,054.6	62,107,743	5,348,949.0	1,074,340	92,526.5
25/04/2015	114,375,285	9,892,882.4	45,561,664	3,940,853.3	2,719,301	235,205.7
26/04/2015	127,049,513	11,033,900.8	53,371,919	4,635,204.4	2,344,410	203,605.1
27/04/2015	128,057,812	11,118,638.1	55,699,120	4,836,084.2	4,177,096	362,676.8
28/04/2015	129,459,711	11,180,599.7	60,322,865	5,209,696.3	4,183,353	361,289.6
29/04/2015	132,428,454	11,399,473.5	61,624,624	5,304,662.9	4,080,603	351,259.2
30/04/2015	142,620,472	12,279,903.9	62,844,419	5,411,028.2	4,047,870	348,529.2
Totals	3,759,332,427	321,614,091.6	1,448,955,267	123,893,419.0	94,847,028	8,126,910.4

	Moffat	
	kWh	M3
Month Min	101,280,664	8,762,485.6
Month Max	144,508,998	12,404,937.8
Month Average	125,311,081	10,720,469.7
YTD Min	77,163,477	6,716,825.7
YTD Max	175,477,373	15,105,134.4
YTD Average	125,696,473	10,836,007.8

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: Apr-2015



2. Balancing Actions

	Balancing Buy		Balancing Sell	
	kWh	M3	kWh	M3
01/04/2015	0	0.0	0	0.0
02/04/2015	0	0.0	5,000,000	429,831.4
03/04/2015	0	0.0	5,000,000	428,978.5
04/04/2015	0	0.0	0	0.0
05/04/2015	0	0.0	0	0.0
06/04/2015	0	0.0	0	0.0
07/04/2015	0	0.0	0	0.0
08/04/2015	0	0.0	0	0.0
09/04/2015	0	0.0	5,000,000	425,282.9
10/04/2015	0	0.0	0	0.0
11/04/2015	0	0.0	0	0.0
12/04/2015	0	0.0	0	0.0
13/04/2015	0	0.0	0	0.0
14/04/2015	0	0.0	15,000,000	1,297,738.2
15/04/2015	0	0.0	15,000,000	1,285,040.4
16/04/2015	0	0.0	0	0.0
17/04/2015	0	0.0	0	0.0
18/04/2015	0	0.0	0	0.0
19/04/2015	0	0.0	0	0.0
20/04/2015	0	0.0	0	0.0
21/04/2015	0	0.0	0	0.0
22/04/2015	0	0.0	0	0.0
23/04/2015	0	0.0	0	0.0
24/04/2015	0	0.0	0	0.0
25/04/2015	0	0.0	0	0.0
26/04/2015	0	0.0	0	0.0
27/04/2015	0	0.0	0	0.0
28/04/2015	0	0.0	0	0.0
29/04/2015	0	0.0	0	0.0
30/04/2015	0	0.0	0	0.0
Totals	0	0.0	45,000,000	3,866,871.4

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: Apr-2015



3. Imbalance Price (Excluding Northern Irelands Flows)

Balancing Transportation Cost €/kWh	0.067769
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
01/04/2015	2.529308	2.420129	2.478507	2.478507	2.478507	2.670201	2.286813	12,321.26	(22,812.01)	0.00	0.00
02/04/2015	2.433980	2.376033	2.422625	2.422625	2.422625	2.611525	2.233725	10,083.08	(29,483.24)	0.00	0.00
03/04/2015	2.382240	2.313634	2.360225	2.360225	2.360225	2.546005	2.174445	53,294.41	(9,966.17)	0.00	(2,437.90)
04/04/2015	2.332967	2.263853	2.310445	2.310445	2.310445	2.493736	2.127154	36,590.27	(29,325.98)	0.00	(6,056.01)
05/04/2015	2.267224	2.197432	2.244024	2.244024	2.244024	2.423994	2.064054	32,155.43	(28,888.47)	0.00	(8,109.28)
06/04/2015	2.286302	2.211992	2.263298	2.263298	2.263298	2.444232	2.082364	16,065.45	(25,825.77)	3,140.40	(9,689.49)
07/04/2015	2.237167	2.167064	2.213656	2.213656	2.213656	2.392108	2.035204	1,795.07	(74,511.41)	0.00	(4,955.52)
08/04/2015	2.232654	2.155694	2.202285	2.202285	2.202285	2.380168	2.024402	7,774.64	(21,226.09)	0.00	(321.01)
09/04/2015	2.310676	2.235565	2.282157	2.282157	2.282157	2.464034	2.100280	6,511.62	(25,219.16)	0.00	(1,000.24)
10/04/2015	2.278162	2.195214	2.241805	2.241805	2.241805	2.421664	2.061946	23,761.81	(15,469.14)	2,329.25	0.00
11/04/2015	2.251559	2.152782	2.206029	2.206029	2.206029	2.384099	2.027959	19,633.90	(30,305.09)	5,041.49	(969.18)
12/04/2015	2.313513	2.221421	2.268013	2.268013	2.268013	2.449183	2.086843	43,769.65	(9,581.45)	8,787.69	0.00
13/04/2015	2.315730	2.223640	2.270232	2.270232	2.270232	2.451513	2.088951	28,193.50	(19,432.29)	13,074.63	0.00
14/04/2015	2.241374	2.149870	2.196462	2.196462	2.196462	2.374054	2.018870	13,412.83	(19,971.97)	0.00	(790.69)
15/04/2015	2.302176	2.195075	2.241666	2.241666	2.241666	2.421518	2.061814	12,347.05	(16,725.70)	1,306.26	0.00
16/04/2015	2.238559	2.138361	2.184952	2.184952	2.184952	2.361969	2.007935	9,270.21	(11,689.50)	0.00	(386.57)
17/04/2015	2.213780	2.116729	2.163320	2.163320	2.163320	2.339255	1.987385	2,602.00	(36,079.15)	0.00	(3,467.17)
18/04/2015	2.162879	2.060569	2.111460	2.111460	2.111460	2.284802	1.938118	9,296.42	(64,132.35)	0.00	(9,849.30)
19/04/2015	2.210964	2.112846	2.159438	2.159438	2.159438	2.335179	1.983697	8,940.97	(24,487.04)	0.00	(484.99)
20/04/2015	2.215551	2.117422	2.164014	2.164014	2.164014	2.339984	1.988044	28,439.31	(32,521.08)	0.00	(2,783.48)
21/04/2015	2.185474	2.084836	2.131427	2.131427	2.131427	2.305767	1.957087	5,832.57	(19,506.70)	0.00	(2,381.54)
22/04/2015	2.230326	2.111598	2.158190	2.158190	2.158190	2.333869	1.982512	2,372.30	(38,306.55)	0.00	(404.87)
23/04/2015	2.181311	2.067641	2.122137	2.122137	2.122137	2.296013	1.948261	17,333.89	(33,848.21)	0.00	0.00
24/04/2015	2.236625	2.127129	2.173720	2.173720	2.173720	2.350175	1.997265	5,269.55	(38,633.00)	2,326.46	0.00
25/04/2015	2.244624	2.136003	2.182595	2.182595	2.182595	2.359494	2.005696	11,745.06	(6,158.44)	2,312.40	0.00
26/04/2015	2.252164	2.143491	2.190083	2.190083	2.190083	2.367356	2.012810	19,508.53	(24,132.93)	2,696.06	0.00
27/04/2015	2.208322	2.099950	2.146542	2.146542	2.146542	2.321638	1.971446	44,376.95	(5,060.25)	3,562.72	0.00
28/04/2015	2.176783	2.065007	2.111598	2.111598	2.111598	2.284947	1.938249	20,825.01	(18,354.22)	0.00	0.00
29/04/2015	2.171484	2.063065	2.109657	2.109657	2.109657	2.282909	1.936405	37,705.15	(7,543.14)	0.00	0.00
30/04/2015	2.248108	2.172195	2.218787	2.218787	2.218787	2.397495	2.040079	14,486.79	(33,233.34)	0.00	(3,114.30)

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: Apr-2015



4. Gas Consumption by Market Sector

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
01/04/2015	127,948,771	9,503,264	48,953,471
02/04/2015	151,201,197	9,055,525	43,917,240
03/04/2015	128,423,338	8,438,517	38,702,239
04/04/2015	141,682,433	6,711,035	29,741,564
05/04/2015	129,469,910	6,278,767	27,203,913
06/04/2015	129,849,334	6,444,363	25,495,642
07/04/2015	148,372,496	8,051,174	24,719,589
08/04/2015	141,567,842	8,472,740	24,190,112
09/04/2015	138,052,798	7,929,374	23,297,448
10/04/2015	116,254,009	7,983,869	26,044,166
11/04/2015	104,589,612	7,283,342	29,686,666
12/04/2015	121,831,413	7,094,822	33,301,695
13/04/2015	118,993,270	8,448,826	32,202,558
14/04/2015	128,073,346	8,446,616	27,397,936
15/04/2015	171,402,384	8,885,235	31,032,773
16/04/2015	166,052,653	8,431,095	27,886,916
17/04/2015	148,826,287	7,739,946	29,079,688
18/04/2015	117,533,378	6,484,105	25,200,312
19/04/2015	134,597,481	6,291,575	26,320,148
20/04/2015	167,489,528	8,162,587	27,218,587
21/04/2015	163,296,188	7,958,213	23,781,133
22/04/2015	157,872,248	7,924,735	21,492,248
23/04/2015	163,820,491	7,639,383	20,842,766
24/04/2015	152,329,853	7,403,221	24,458,356
25/04/2015	129,563,613	6,783,928	28,572,342
26/04/2015	148,633,735	6,735,659	28,970,062
27/04/2015	143,220,089	9,158,671	38,496,444
28/04/2015	146,975,313	9,290,100	39,753,137
29/04/2015	155,010,755	9,078,790	37,616,221
30/04/2015	170,149,438	8,371,338	31,812,541
Totals	4,263,083,203	236,480,815	897,387,913

Cleansed Totals	4,263,252,330	237,185,063	896,100,968
------------------------	----------------------	--------------------	--------------------

Physical Daily Totals Analysis

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
Month Min	104,589,612	6,278,767	20,842,766
Month Max	171,402,384	9,503,264	48,953,471
Month Average	142,102,773	7,882,694	29,912,930
YTD Min	90,160,245	4,815,807	13,700,874
YTD Max	196,142,377	11,185,778	73,463,279
YTD Average	138,744,645	8,335,485	44,270,509
YTD Rolling Total	29,413,864,755	1,767,122,873	9,385,347,975

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	4,204,385,842	253,183,551	1,339,346,905
YTD Rolling Total	29,430,700,897	1,772,284,855	9,375,428,332

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

Transportation Network Monthly Report

Month: Apr-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)
01/04/2015	11.59	11.63	11.34	11.62	11.61	11.63	11.72	11.65	11.65
02/04/2015	11.68	11.65	11.37	11.62	11.62	11.61	11.59	11.61	11.64
03/04/2015	11.59	11.64	11.43	11.79	11.60	11.62	11.60	11.59	11.63
04/04/2015	11.66	11.63	11.57	11.62	11.61	11.62	11.67	11.62	11.63
05/04/2015	11.59	11.73	11.55	11.63	11.61	11.65	11.62	11.54	11.62
06/04/2015	11.69	11.64	11.52	11.62	11.64	11.65	11.62	11.63	11.63
07/04/2015	11.61	11.62	11.53	11.62	11.64	11.64	11.67	11.49	11.65
08/04/2015	11.67	11.61	11.58	11.63	11.62	11.73	11.63	11.73	11.65
09/04/2015	11.63	11.62	11.58	11.63	11.73	11.85	11.71	11.52	11.64
10/04/2015	11.62	11.64	11.57	11.65	11.84	11.88	11.89	11.64	11.79
11/04/2015	11.65	11.65	11.52	11.70	11.86	11.84	11.78	11.71	11.85
12/04/2015	11.71	11.64	11.59	11.84	11.74	11.69	11.93	11.67	11.88
13/04/2015	11.90	11.69	11.64	11.84	11.65	11.58	11.65	11.67	11.84
14/04/2015	11.85	11.85	11.73	11.83	11.59	11.57	11.60	11.63	11.68
15/04/2015	11.87	11.86	11.71	11.69	11.52	11.52	11.61	11.52	11.59
16/04/2015	11.61	11.87	11.65	11.60	11.52	11.62	11.49	11.59	11.53
17/04/2015	11.62	11.72	11.51	11.51	11.62	11.67	11.66	11.48	11.47
18/04/2015	11.56	11.60	11.41	11.55	11.64	11.63	11.71	11.44	11.47
19/04/2015	11.54	11.52	11.40	11.62	11.62	11.63	11.65	11.49	11.51
20/04/2015	11.67	11.52	11.44	11.65	11.63	11.69	11.59	11.53	11.62
21/04/2015	11.59	11.63	11.54	11.62	11.69	11.65	11.68	11.55	11.64
22/04/2015	11.57	11.67	11.55	11.61	11.64	11.66	11.70	11.50	11.66
23/04/2015	11.66	11.67	11.51	11.70	11.64	11.63	11.69	11.64	11.68
24/04/2015	11.69	11.63	11.52	11.65	11.62	11.63	11.57	11.58	11.67
25/04/2015	11.64	11.66	11.47	11.64	11.62	11.60	11.73	11.62	11.66
26/04/2015	11.69	11.67	11.48	11.64	11.60	11.62	11.56	11.66	11.66
27/04/2015	11.59	11.66	11.57	11.63	11.59	11.54	11.62	11.58	11.64
28/04/2015	11.68	11.63	11.53	11.63	11.52	11.51	11.53	11.64	11.62
29/04/2015	11.60	11.63	11.53	11.59	11.50	11.53	11.53	11.53	11.55
30/04/2015	11.59	11.61	11.47	11.51	11.54	11.60	11.46	11.54	11.54

Transportation Network Monthly Report

Month: Apr-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
---------------------	-------------------------------



Transportation Network Monthly Report

Month: Apr-2015

7. Monthly Shrinkage Total for Transportation

Total Transportation Shrinkage : **76,513,677 kWh**

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