



Gas
Networks
Ireland

NDM Accuracy of Forecasting Report

Gas Year 2023/24



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1 Report Description

This report is an ongoing requirement of the [Balancing Network Code](#) (Commission Regulation (EU) No 312/2014). The requirement is outlined in Article 42, “Information obligations of the forecasting party towards the transmission system operator”, Paragraph 3 “A report on the accuracy of the forecast of a network user’s non daily metered off-takes shall be published by the forecasting party at least every two years.”

The forecasting party in this instance is the Gas Transportation team, Gas Networks Ireland who will publish the report on an annual basis for the Transporter, after the end of the gas year. The report will be published on the Gas Networks Ireland website.

The data contained in this report is defined as follows:

Data Element	Description
Date	Gas day
Daily Delivered Energy, kWh	Aggregate non-daily metered (NDM) delivered energy for Gas Day D. This information is available in the Dashboard Reporting section of the Gas Networks Ireland website.
Forecast Energy Demand, kWh	Aggregate of the final NDM energy forecasts issued to shippers on Gas Day D.
Accuracy, %	The difference between the forecast and delivered energy at all NDM offtakes for the relevant gas day, in proportion to the delivered energy.

Under the Commission for Regulation of Utilities (CRU) approved Forecasting, Allocation, Reconciliation Procedures ([FAR Procedures](#)) the Transporter is required to issue NDM Nominations Advices to each shipper registered as holding NDM Exit Capacity in accordance with Part D, Section 1.7 of the Gas Networks Ireland [Code of Operations](#) on a daily basis. The Forecast Energy Demand in the report is an aggregation of the individual forecasts issued by Gas Networks Ireland to each NDM shipper on a given gas day.

There will always be variances between the level of NDM forecasts issued to shippers each day and the actual level of NDM demand on the day. The accuracy of the forecast on any given day will be subject to variations caused by numerous reasons including, but not limited to:

- Changes in weather forecasts;
- Changes in actual weather (and degree to which end-user demand responds); and
- Changes in end-user demand (e.g. change of occupancy).

2 NDM Forecast Accuracy

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
01/10/2023	12,239,605	12,099,834	-1.14%
02/10/2023	18,366,715	18,608,855	1.32%
03/10/2023	18,076,963	18,282,224	1.14%
04/10/2023	18,636,797	18,594,681	-0.23%
05/10/2023	17,954,639	18,361,729	2.27%
06/10/2023	14,058,814	15,060,845	7.13%
07/10/2023	11,478,808	15,181,390	32.26% ¹
08/10/2023	10,915,949	11,942,608	9.41%
09/10/2023	12,236,968	12,408,133	1.40%
10/10/2023	12,012,295	12,306,340	2.45%
11/10/2023	18,224,544	18,367,447	0.78%
12/10/2023	21,551,203	22,272,001	3.34%
13/10/2023	22,694,435	22,522,827	-0.76%
14/10/2023	25,184,672	25,058,949	-0.50%
15/10/2023	27,400,687	28,434,622	3.77%
16/10/2023	31,102,614	31,010,664	-0.30%
17/10/2023	31,918,956	32,310,670	1.23%
18/10/2023	29,225,377	29,171,262	-0.19%
19/10/2023	23,190,311	22,889,094	-1.30%
20/10/2023	27,505,223	27,647,752	0.52%
21/10/2023	26,670,461	27,113,239	1.66%
22/10/2023	26,465,434	27,036,485	2.16%
23/10/2023	29,576,967	30,219,025	2.17%
24/10/2023	29,142,439	29,305,128	0.56%
25/10/2023	30,917,391	32,107,288	3.85%
26/10/2023	27,730,287	28,004,302	0.99%
27/10/2023	29,046,986	29,211,963	0.57%
28/10/2023	24,784,693	19,773,485	-20.22% ²
29/10/2023	26,761,415	26,794,732	0.12%
30/10/2023	30,058,212	29,455,755	-2.00%
31/10/2023	30,987,944	32,511,721	4.92%
01/11/2023	31,801,963	32,041,081	0.75%
02/11/2023	35,704,438	36,651,932	2.65%
03/11/2023	34,827,978	34,931,866	0.30%
04/11/2023	33,296,820	33,007,970	-0.87%
05/11/2023	32,044,888	32,909,794	2.70%
06/11/2023	39,441,789	40,712,625	3.22%
07/11/2023	38,025,649	37,338,586	-1.81%
08/11/2023	39,754,715	39,537,054	-0.55%
09/11/2023	44,302,914	44,965,391	1.50%
10/11/2023	41,964,575	41,553,991	-0.98%
11/11/2023	40,805,621	40,683,656	-0.30%

¹ Metering issue at an Above Ground Installation (AGI).

² Issue with estimation of daily-metered (DM) throughput on gas days when a clock change occurs.

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
12/11/2023	33,815,857	35,051,720	3.65%
13/11/2023	37,629,092	39,443,942	4.82%
14/11/2023	36,370,653	35,982,308	-1.07%
15/11/2023	39,613,763	40,340,164	1.83%
16/11/2023	42,591,457	42,880,720	0.68%
17/11/2023	44,008,181	45,125,724	2.54%
18/11/2023	31,261,761	30,952,860	-0.99%
19/11/2023	31,944,618	32,447,726	1.57%
20/11/2023	39,342,492	39,881,878	1.37%
21/11/2023	42,759,881	41,690,090	-2.50%
22/11/2023	39,446,040	38,971,058	-1.20%
23/11/2023	37,180,484	37,000,250	-0.48%
24/11/2023	42,562,540	42,253,886	-0.73%
25/11/2023	42,490,483	42,665,827	0.41%
26/11/2023	35,911,559	35,500,751	-1.14%
27/11/2023	44,656,190	45,555,187	2.01%
28/11/2023	49,872,062	49,961,671	0.18%
29/11/2023	54,381,893	54,357,733	-0.04%
30/11/2023	59,596,189	59,345,415	-0.42%
01/12/2023	62,693,044	62,600,789	-0.15%
02/12/2023	55,837,067	56,555,682	1.29%
03/12/2023	53,670,220	55,487,700	3.39%
04/12/2023	61,179,891	60,949,482	-0.38%
05/12/2023	58,853,242	58,754,766	-0.17%
06/12/2023	54,624,202	52,724,848	-3.48%
07/12/2023	45,742,457	45,401,564	-0.75%
08/12/2023	46,928,801	47,501,072	1.22%
09/12/2023	40,611,441	42,618,851	4.94%
10/12/2023	39,525,941	40,340,529	2.06%
11/12/2023	44,908,729	46,321,712	3.15%
12/12/2023	44,479,290	44,440,984	-0.09%
13/12/2023	47,262,108	47,885,475	1.32%
14/12/2023	46,597,942	46,583,219	-0.03%
15/12/2023	44,056,621	44,176,120	0.27%
16/12/2023	36,680,990	37,427,168	2.03%
17/12/2023	34,209,344	34,380,571	0.50%
18/12/2023	36,128,083	36,262,418	0.37%
19/12/2023	43,860,203	44,738,412	2.00%
20/12/2023	44,245,076	44,185,581	-0.13%
21/12/2023	41,895,803	41,944,937	0.12%
22/12/2023	41,282,346	41,114,636	-0.41%
23/12/2023	34,770,607	35,560,137	2.27%
24/12/2023	31,102,224	30,642,435	-1.48%
25/12/2023	33,521,849	31,752,484	-5.28%
26/12/2023	40,067,149	40,274,291	0.52%
27/12/2023	40,517,988	41,149,355	1.56%
28/12/2023	44,040,017	44,609,760	1.29%
29/12/2023	47,621,178	48,396,873	1.63%
30/12/2023	42,467,042	43,221,859	1.78%
31/12/2023	44,379,134	42,872,140	-3.40%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
01/01/2024	44,825,026	46,785,808	4.37%
02/01/2024	44,367,999	44,490,113	0.28%
03/01/2024	46,140,248	46,721,372	1.26%
04/01/2024	49,112,837	49,309,426	0.40%
05/01/2024	52,565,731	52,418,491	-0.28%
06/01/2024	50,966,249	49,276,180	-3.32%
07/01/2024	55,415,020	57,327,078	3.45%
08/01/2024	63,999,754	64,889,576	1.39%
09/01/2024	63,905,060	62,687,770	-1.90%
10/01/2024	61,355,703	60,926,590	-0.70%
11/01/2024	56,235,332	55,684,075	-0.98%
12/01/2024	58,765,655	58,585,524	-0.31%
13/01/2024	52,757,639	53,147,845	0.74%
14/01/2024	51,963,722	52,863,985	1.73%
15/01/2024	66,209,508	67,675,515	2.21%
16/01/2024	67,237,273	67,028,981	-0.31%
17/01/2024	68,848,762	68,580,812	-0.39%
18/01/2024	72,365,856	72,714,731	0.48%
19/01/2024	68,743,183	68,154,494	-0.86%
20/01/2024	51,098,627	50,730,753	-0.72%
21/01/2024	45,381,246	45,664,302	0.62%
22/01/2024	54,431,129	57,983,913	6.53%
23/01/2024	48,220,251	47,389,182	-1.72%
24/01/2024	49,015,094	50,236,972	2.49%
25/01/2024	43,253,237	42,639,823	-1.42%
26/01/2024	49,763,981	50,819,046	2.12%
27/01/2024	42,118,710	42,818,919	1.66%
28/01/2024	37,437,622	36,990,654	-1.19%
29/01/2024	53,867,052	54,181,854	0.58%
30/01/2024	55,351,325	56,551,423	2.17%
31/01/2024	53,109,172	52,499,656	-1.15%
01/02/2024	51,773,818	53,105,831	2.57%
02/02/2024	43,052,494	42,497,506	-1.29%
03/02/2024	36,724,214	37,293,662	1.55%
04/02/2024	34,643,871	34,597,857	-0.13%
05/02/2024	39,079,606	38,172,311	-2.32%
06/02/2024	45,812,654	48,532,761	5.94%
07/02/2024	50,533,970	52,013,515	2.93%
08/02/2024	54,720,770	55,565,947	1.54%
09/02/2024	49,301,157	50,691,740	2.82%
10/02/2024	42,333,129	42,408,549	0.18%
11/02/2024	42,073,715	42,155,211	0.19%
12/02/2024	51,619,971	52,261,371	1.24%
13/02/2024	47,540,913	47,571,496	0.06%
14/02/2024	40,454,457	39,752,342	-1.74%
15/02/2024	36,427,508	36,576,237	0.41%
16/02/2024	37,542,024	38,753,386	3.23%
17/02/2024	32,779,312	34,676,508	5.79%
18/02/2024	29,345,873	29,074,666	-0.92%
19/02/2024	38,262,722	39,595,533	3.48%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
20/02/2024	40,810,135	39,795,222	-2.49%
21/02/2024	38,615,846	37,063,884	-4.02%
22/02/2024	46,391,692	46,121,475	-0.58%
23/02/2024	51,234,014	51,482,596	0.49%
24/02/2024	43,228,921	43,253,482	0.06%
25/02/2024	44,763,769	43,482,833	-2.86%
26/02/2024	50,306,362	50,244,037	-0.12%
27/02/2024	47,705,588	47,814,276	0.23%
28/02/2024	45,268,578	45,956,159	1.52%
29/02/2024	47,474,836	46,646,318	-1.75%
01/03/2024	60,736,598	60,265,070	-0.78%
02/03/2024	48,865,184	48,441,512	-0.87%
03/03/2024	43,635,832	44,660,211	2.35%
04/03/2024	54,792,070	55,344,666	1.01%
05/03/2024	47,421,048	47,932,293	1.08%
06/03/2024	45,496,331	46,407,638	2.00%
07/03/2024	45,692,621	45,228,241	-1.02%
08/03/2024	49,632,875	49,665,993	0.07%
09/03/2024	46,436,755	47,875,392	3.10%
10/03/2024	43,035,240	43,790,785	1.76%
11/03/2024	45,868,062	46,839,291	2.12%
12/03/2024	38,773,635	39,163,584	1.01%
13/03/2024	39,128,029	39,686,004	1.43%
14/03/2024	35,190,188	35,807,805	1.76%
15/03/2024	37,019,874	37,026,173	0.02%
16/03/2024	36,773,795	38,358,188	4.31%
17/03/2024	27,867,872	28,446,188	2.08%
18/03/2024	33,942,954	34,686,877	2.19%
19/03/2024	33,619,444	35,843,272	6.61%
20/03/2024	35,887,835	36,147,607	0.72%
21/03/2024	38,266,075	38,841,668	1.50%
22/03/2024	38,485,519	38,530,020	0.12%
23/03/2024	38,174,575	39,027,773	2.23%
24/03/2024	39,773,688	39,481,795	-0.73%
25/03/2024	44,569,599	44,273,495	-0.66%
26/03/2024	43,000,492	43,727,850	1.69%
27/03/2024	41,472,216	39,580,120	-4.56%
28/03/2024	39,231,940	40,126,130	2.28%
29/03/2024	36,131,305	35,813,441	-0.88%
30/03/2024	31,366,515	29,993,391	-4.38%
31/03/2024	27,769,744	28,701,344	3.35%
01/04/2024	33,661,121	33,337,425	-0.96%
02/04/2024	35,922,498	37,201,793	3.56%
03/04/2024	34,818,346	35,024,409	0.59%
04/04/2024	36,169,402	36,948,609	2.15%
05/04/2024	31,642,316	31,836,396	0.61%
06/04/2024	25,763,824	25,472,759	-1.13%
07/04/2024	26,564,180	27,360,944	3.00%
08/04/2024	39,806,891	40,490,550	1.72%
09/04/2024	35,316,101	34,386,805	-2.63%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
10/04/2024	33,080,453	33,495,124	1.25%
11/04/2024	27,385,304	27,928,332	1.98%
12/04/2024	26,020,537	26,671,030	2.50%
13/04/2024	23,053,047	23,793,125	3.21%
14/04/2024	29,688,044	28,948,361	-2.49%
15/04/2024	36,916,186	36,394,085	-1.41%
16/04/2024	33,953,420	33,814,299	-0.41%
17/04/2024	39,950,016	40,961,100	2.53%
18/04/2024	36,838,045	37,209,080	1.01%
19/04/2024	31,121,389	30,883,650	-0.76%
20/04/2024	23,745,915	23,976,842	0.97%
21/04/2024	20,686,946	20,887,864	0.97%
22/04/2024	28,272,320	29,050,532	2.75%
23/04/2024	27,231,039	26,918,822	-1.15%
24/04/2024	31,455,393	31,751,392	0.94%
25/04/2024	33,760,161	34,872,306	3.29%
26/04/2024	30,880,885	31,025,651	0.47%
27/04/2024	29,105,739	28,760,380	-1.19%
28/04/2024	26,998,397	26,748,463	-0.93%
29/04/2024	29,770,163	30,856,962	3.65%
30/04/2024	30,240,893	29,044,676	-3.96%
01/05/2024	25,696,748	29,495,301	14.78%
02/05/2024	27,727,425	28,952,259	4.42%
03/05/2024	26,325,247	26,441,180	0.44%
04/05/2024	23,184,681	24,077,071	3.85%
05/05/2024	16,658,238	16,843,017	1.11%
06/05/2024	21,313,188	20,641,128	-3.15%
07/05/2024	20,452,766	21,949,009	7.32%
08/05/2024	18,501,672	18,749,234	1.34%
09/05/2024	15,768,429	16,201,100	2.74%
10/05/2024	13,573,469	14,346,182	5.69%
11/05/2024	11,705,152	11,961,982	2.19%
12/05/2024	10,863,636	10,514,294	-3.22%
13/05/2024	17,038,842	19,296,464	13.25%
14/05/2024	16,069,024	16,038,619	-0.19%
15/05/2024	14,632,774	15,237,251	4.13%
16/05/2024	13,627,363	13,246,505	-2.79%
17/05/2024	14,780,601	14,987,923	1.40%
18/05/2024	13,372,649	13,726,391	2.65%
19/05/2024	11,733,196	11,722,622	-0.09%
20/05/2024	15,055,366	14,250,361	-5.35%
21/05/2024	17,175,274	17,530,363	2.07%
22/05/2024	16,195,617	17,515,055	8.15%
23/05/2024	20,360,425	21,425,842	5.23%
24/05/2024	18,781,348	18,877,056	0.51%
25/05/2024	14,772,661	15,577,674	5.45%
26/05/2024	16,648,237	17,029,251	2.29%
27/05/2024	16,342,647	17,663,357	8.08%
28/05/2024	14,297,791	14,297,128	0.00%
29/05/2024	14,669,416	14,851,841	1.24%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
30/05/2024	15,232,925	15,490,111	1.69%
31/05/2024	12,933,127	13,446,526	3.97%
01/06/2024	10,762,785	10,928,176	1.54%
02/06/2024	9,605,569	9,757,057	1.58%
03/06/2024	10,983,478	9,803,356	-10.74%
04/06/2024	12,765,836	13,915,350	9.00%
05/06/2024	14,891,738	15,307,443	2.79%
06/06/2024	15,582,077	16,075,103	3.16%
07/06/2024	14,175,075	14,480,181	2.15%
08/06/2024	13,070,269	13,416,738	2.65%
09/06/2024	14,726,614	14,829,271	0.70%
10/06/2024	15,790,233	16,968,227	7.46%
11/06/2024	16,928,876	16,857,345	-0.42%
12/06/2024	17,053,773	17,462,418	2.40%
13/06/2024	15,231,618	17,426,113	14.41%
14/06/2024	13,552,756	11,197,582	-17.38%
15/06/2024	12,654,012	13,171,802	4.09%
16/06/2024	10,382,517	10,288,121	-0.91%
17/06/2024	12,616,930	13,224,068	4.81%
18/06/2024	13,938,005	14,324,363	2.77%
19/06/2024	11,851,174	13,188,629	11.29%
20/06/2024	12,040,198	12,506,932	3.88%
21/06/2024	12,632,067	12,790,035	1.25%
22/06/2024	11,400,374	12,177,176	6.81%
23/06/2024	8,510,990	9,164,450	7.68%
24/06/2024	8,651,203	9,752,148	12.73%
25/06/2024	9,588,262	9,437,322	-1.57%
26/06/2024	9,465,669	10,015,096	5.80%
27/06/2024	11,242,487	12,917,128	14.90%
28/06/2024	11,601,556	11,731,662	1.12%
29/06/2024	11,831,842	11,891,988	0.51%
30/06/2024	11,337,941	11,352,777	0.13%
01/07/2024	12,254,191	13,971,150	14.01%
02/07/2024	11,879,773	12,148,469	2.26%
03/07/2024	11,661,653	12,213,798	4.73%
04/07/2024	11,594,419	13,290,422	14.63%
05/07/2024	12,145,117	12,870,595	5.97%
06/07/2024	10,611,884	10,993,472	3.60%
07/07/2024	10,078,878	9,947,639	-1.30%
08/07/2024	10,620,873	11,160,682	5.08%
09/07/2024	12,602,018	13,502,063	7.14%
10/07/2024	12,990,701	13,186,724	1.51%
11/07/2024	12,648,724	12,240,971	-3.22%
12/07/2024	12,226,594	11,564,020	-5.42%
13/07/2024	9,348,953	10,748,579	14.97%
14/07/2024	8,774,488	9,274,708	5.70%
15/07/2024	10,452,699	11,008,279	5.32%
16/07/2024	10,109,026	10,157,466	0.48%
17/07/2024	9,816,473	10,582,021	7.80%
18/07/2024	10,091,971	10,404,492	3.10%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
19/07/2024	9,102,867	9,051,238	-0.57%
20/07/2024	9,230,238	9,908,892	7.35%
21/07/2024	8,978,343	9,125,597	1.64%
22/07/2024	9,642,378	9,619,202	-0.24%
23/07/2024	9,270,064	9,418,624	1.60%
24/07/2024	9,446,591	9,685,684	2.53%
25/07/2024	9,661,966	9,392,894	-2.78%
26/07/2024	9,959,890	10,636,358	6.79%
27/07/2024	8,580,380	8,807,310	2.64%
28/07/2024	7,867,181	7,629,575	-3.02%
29/07/2024	8,723,626	8,637,603	-0.99%
30/07/2024	8,682,677	8,614,109	-0.79%
31/07/2024	8,555,517	8,218,634	-3.94%
01/08/2024	8,426,938	8,257,445	-2.01%
02/08/2024	8,671,287	8,880,708	2.42%
03/08/2024	8,036,124	7,882,562	-1.91%
04/08/2024	8,123,876	7,567,235	-6.85%
05/08/2024	7,882,592	7,403,219	-6.08%
06/08/2024	9,079,369	10,324,434	13.71%
07/08/2024	9,348,414	9,905,174	5.96%
08/08/2024	9,440,382	9,438,919	-0.02%
09/08/2024	8,899,605	12,909,416	45.06% ³
10/08/2024	7,578,817	7,308,462	-3.57%
11/08/2024	7,207,615	7,549,115	4.74%
12/08/2024	8,283,922	8,588,630	3.68%
13/08/2024	8,635,513	8,402,907	-2.69%
14/08/2024	8,964,982	9,795,589	9.27%
15/08/2024	9,256,216	9,247,959	-0.09%
16/08/2024	9,783,497	9,643,038	-1.44%
17/08/2024	9,150,610	8,940,909	-2.29%
18/08/2024	8,773,061	8,430,446	-3.91%
19/08/2024	10,440,678	11,527,450	10.41%
20/08/2024	11,025,340	8,610,497	-21.90% ⁴
21/08/2024	11,731,254	11,181,892	-4.68%
22/08/2024	12,462,048	12,368,591	-0.75%
23/08/2024	12,142,698	12,238,774	0.79%
24/08/2024	10,808,053	10,878,080	0.65%
25/08/2024	11,593,965	11,880,136	2.47%
26/08/2024	11,627,745	12,098,099	4.05%
27/08/2024	10,375,266	10,847,911	4.56%
28/08/2024	10,722,716	11,438,633	6.68%
29/08/2024	10,919,691	10,923,296	0.03%
30/08/2024	11,453,618	11,780,203	2.85%
31/08/2024	10,299,846	10,297,062	-0.03%
01/09/2024	9,778,255	10,261,972	4.95%

³ Metering issue at an Above Ground Installation (AGI).

⁴ Manual entry for the Cork NDM area.

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
02/09/2024	12,896,696	12,705,185	-1.48%
03/09/2024	13,729,504	14,019,338	2.11%
04/09/2024	14,995,712	15,037,273	0.28%
05/09/2024	14,509,085	14,582,401	0.51%
06/09/2024	11,154,068	10,963,767	-1.71%
07/09/2024	9,575,778	9,816,772	2.52%
08/09/2024	11,277,705	11,337,154	0.53%
09/09/2024	13,136,484	13,327,457	1.45%
10/09/2024	14,928,314	14,942,630	0.10%
11/09/2024	17,013,782	17,157,697	0.85%
12/09/2024	18,310,217	18,389,589	0.43%
13/09/2024	19,631,711	19,756,013	0.63%
14/09/2024	13,394,857	12,853,318	-4.04%
15/09/2024	12,329,697	12,797,430	3.79%
16/09/2024	12,737,304	12,800,876	0.50%
17/09/2024	12,324,815	12,064,151	-2.11%
18/09/2024	12,289,912	12,215,856	-0.60%
19/09/2024	12,124,525	11,953,400	-1.41%
20/09/2024	13,359,064	13,875,484	3.87%
21/09/2024	12,508,728	13,311,327	6.42%
22/09/2024	13,175,707	13,036,087	-1.06%
23/09/2024	16,402,151	16,327,759	-0.45%
24/09/2024	16,236,590	16,008,490	-1.40%
25/09/2024	24,633,961	25,300,008	2.70%
26/09/2024	25,822,394	25,828,804	0.02%
27/09/2024	26,303,830	26,303,601	0.00%
28/09/2024	23,153,094	23,225,474	0.31%
29/09/2024	24,996,001	25,038,858	0.17%
30/09/2024	25,589,244	26,448,492	3.36%
Total	10,431,242,115	10,534,365,791	0.99%