



Gas  
Networks  
Ireland

# NDM Accuracy of Forecasting Report

## Gas Year 22/23

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## 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:

<b>Data Element</b>	<b>Description</b>
Date	Gas day
Daily Delivered Energy, kWh	Aggregate non-daily metered (NDM) delivered energy for Gas Day D. This information is available in the <a href="#">Dashboard Reporting</a> 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).

## NDM Forecast Accuracy

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
01/10/22	16,515,061	16,676,565	0.98%
02/10/22	15,950,816	16,209,691	1.62%
03/10/22	17,817,828	19,624,368	10.14%
04/10/22	16,653,715	16,437,858	-1.30%
05/10/22	20,591,968	20,889,817	1.45%
06/10/22	19,789,641	20,204,514	2.10%
07/10/22	20,824,416	20,754,581	-0.34%
08/10/22	19,296,781	19,480,843	0.95%
09/10/22	20,995,091	20,383,329	-2.91%
10/10/22	25,208,209	26,603,982	5.54%
11/10/22	25,768,179	26,318,693	2.14%
12/10/22	24,369,331	24,487,334	0.48%
13/10/22	25,121,531	25,521,771	1.59%
14/10/22	24,302,304	24,324,864	0.09%
15/10/22	25,294,074	24,908,154	-1.53%
16/10/22	28,925,604	29,398,143	1.63%
17/10/22	26,903,376	27,520,932	2.30%
18/10/22	27,003,752	27,804,339	2.96%
19/10/22	27,862,901	27,961,292	0.35%
20/10/22	22,826,289	22,792,057	-0.15%
21/10/22	22,442,259	22,857,011	1.85%
22/10/22	18,497,339	18,495,187	-0.01%
23/10/22	17,338,880	17,798,662	2.65%
24/10/22	22,700,038	23,321,611	2.74%
25/10/22	23,993,231	24,097,990	0.44%
26/10/22	22,514,912	22,901,708	1.72%
27/10/22	21,276,159	21,575,380	1.41%
28/10/22	21,385,055	21,665,914	1.31%
29/10/22	19,912,502	16,076,094	-19.27%
30/10/22	19,917,172	20,703,046	3.95%
31/10/22	22,980,719	21,792,607	-5.17%
01/11/22	29,677,509	30,424,985	2.52%
02/11/22	33,883,925	34,469,964	1.73%
03/11/22	34,866,990	35,099,565	0.67%
04/11/22	36,353,616	36,874,877	1.43%
05/11/22	27,660,827	26,755,704	-3.27%
06/11/22	27,267,754	28,084,128	2.99%
07/11/22	30,898,145	31,614,392	2.32%
08/11/22	32,036,944	31,185,608	-2.66%
09/11/22	33,180,724	33,947,361	2.31%
10/11/22	28,119,834	29,246,837	4.01%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
11/11/22	24,727,437	25,407,655	2.75%
12/11/22	22,437,671	23,966,294	6.81%
13/11/22	21,313,961	22,448,034	5.32%
14/11/22	28,980,031	30,220,765	4.28%
15/11/22	33,186,303	32,829,348	-1.08%
16/11/22	37,562,250	37,988,240	1.13%
17/11/22	42,948,186	43,429,192	1.12%
18/11/22	43,593,971	43,116,742	-1.09%
19/11/22	43,537,205	42,871,621	-1.53%
20/11/22	39,187,412	40,051,032	2.20%
21/11/22	45,129,129	45,411,186	0.62%
22/11/22	47,834,590	47,827,497	-0.01%
23/11/22	46,374,954	46,539,572	0.35%
24/11/22	45,662,436	46,039,271	0.83%
25/11/22	44,012,957	44,278,734	0.60%
26/11/22	33,764,993	34,576,902	2.40%
27/11/22	34,248,629	35,075,932	2.42%
28/11/22	44,072,088	45,299,148	2.78%
29/11/22	45,322,662	45,562,047	0.53%
30/11/22	42,814,467	43,377,038	1.31%
01/12/22	40,299,826	40,988,242	1.71%
02/12/22	42,064,395	42,523,202	1.09%
03/12/22	39,917,364	39,799,414	-0.30%
04/12/22	44,528,274	44,795,700	0.60%
05/12/22	51,407,344	50,982,543	-0.83%
06/12/22	53,123,531	53,090,854	-0.06%
07/12/22	58,378,512	58,669,813	0.50%
08/12/22	63,841,189	63,745,765	-0.15%
09/12/22	70,715,358	70,432,878	-0.40%
10/12/22	64,114,942	61,919,312	-3.42%
11/12/22	62,137,329	63,421,602	2.07%
12/12/22	74,035,692	74,479,556	0.60%
13/12/22	70,987,835	71,505,294	0.73%
14/12/22	71,564,238	68,444,367	-4.36%
15/12/22	74,666,492	71,574,883	-4.14%
16/12/22	75,115,511	72,131,774	-3.97%
17/12/22	61,344,807	59,280,740	-3.36%
18/12/22	51,282,048	49,911,407	-2.67%
19/12/22	47,098,987	44,465,442	-5.59%
20/12/22	52,707,008	50,507,102	-4.17%
21/12/22	53,483,239	52,288,999	-2.23%
22/12/22	51,046,632	49,983,193	-2.08%
23/12/22	48,236,373	47,041,595	-2.48%
24/12/22	42,922,070	48,066,775	11.99%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
25/12/22	37,383,310	39,660,240	6.09%
26/12/22	48,409,282	48,387,593	-0.04%
27/12/22	46,026,004	46,840,182	1.77%
28/12/22	44,889,336	46,433,673	3.44%
29/12/22	49,108,828	50,626,199	3.09%
30/12/22	44,707,820	45,485,823	1.74%
31/12/22	41,883,862	41,579,230	-0.73%
01/01/23	42,902,546	42,655,352	-0.58%
02/01/23	51,727,778	52,604,814	1.70%
03/01/23	46,527,006	47,233,102	1.52%
04/01/23	43,966,309	48,078,591	9.35%
05/01/23	43,993,127	43,501,103	-1.12%
06/01/23	46,732,614	48,053,733	2.83%
07/01/23	41,905,095	43,955,237	4.89%
08/01/23	44,453,597	44,888,193	0.98%
09/01/23	55,237,670	56,562,964	2.40%
10/01/23	48,363,549	48,101,486	-0.54%
11/01/23	53,525,368	54,337,249	1.52%
12/01/23	51,767,286	51,427,907	-0.66%
13/01/23	51,481,123	52,630,004	2.23%
14/01/23	48,963,288	48,119,846	-1.72%
15/01/23	51,325,886	52,210,189	1.72%
16/01/23	63,640,909	63,672,313	0.05%
17/01/23	69,214,617	70,507,104	1.87%
18/01/23	68,504,764	68,589,352	0.12%
19/01/23	65,781,041	69,754,851	6.04%
20/01/23	63,889,793	64,764,383	1.37%
21/01/23	50,208,282	51,294,045	2.16%
22/01/23	42,607,926	44,399,599	4.21%
23/01/23	45,715,765	46,563,686	1.85%
24/01/23	44,303,921	45,023,669	1.62%
25/01/23	46,717,952	47,300,359	1.25%
26/01/23	50,821,808	51,171,533	0.69%
27/01/23	51,977,977	53,491,651	2.91%
28/01/23	47,835,769	48,518,488	1.43%
29/01/23	44,482,808	44,653,096	0.38%
30/01/23	51,182,124	51,339,163	0.31%
31/01/23	50,060,135	50,371,112	0.62%
01/02/23	49,608,007	50,297,599	1.39%
02/02/23	46,425,815	46,826,566	0.86%
03/02/23	41,261,348	41,390,453	0.31%
04/02/23	39,584,155	38,853,934	-1.84%
05/02/23	44,425,431	45,363,583	2.11%
06/02/23	46,290,224	45,779,693	-1.10%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
07/02/23	48,165,954	48,067,311	-0.20%
08/02/23	50,063,645	50,572,887	1.02%
09/02/23	51,080,181	52,914,375	3.59%
10/02/23	47,279,839	47,569,699	0.61%
11/02/23	39,368,156	40,534,300	2.96%
12/02/23	38,230,994	39,068,041	2.19%
13/02/23	43,805,210	45,476,849	3.82%
14/02/23	40,808,115	40,524,996	-0.69%
15/02/23	41,898,039	42,374,984	1.14%
16/02/23	38,707,693	38,926,834	0.57%
17/02/23	35,841,728	36,182,568	0.95%
18/02/23	33,548,041	33,480,588	-0.20%
19/02/23	32,642,029	33,018,920	1.15%
20/02/23	36,149,337	37,180,764	2.85%
21/02/23	35,818,460	35,985,701	0.47%
22/02/23	45,583,494	46,003,401	0.92%
23/02/23	45,767,293	46,486,284	1.57%
24/02/23	44,575,311	44,403,822	-0.38%
25/02/23	42,469,320	42,617,306	0.35%
26/02/23	41,637,917	42,101,188	1.11%
27/02/23	49,268,798	50,578,858	2.66%
28/02/23	49,456,916	49,749,543	0.59%
01/03/23	47,859,699	47,527,356	-0.69%
02/03/23	47,588,842	48,228,932	1.35%
03/03/23	49,153,213	49,733,640	1.18%
04/03/23	46,287,563	46,102,898	-0.40%
05/03/23	41,769,740	42,265,599	1.19%
06/03/23	51,132,748	51,304,323	0.34%
07/03/23	51,399,690	52,262,281	1.68%
08/03/23	57,863,296	57,595,176	-0.46%
09/03/23	63,911,873	64,073,639	0.25%
10/03/23	57,286,841	57,570,494	0.50%
11/03/23	50,176,003	50,055,940	-0.24%
12/03/23	37,775,616	38,344,182	1.51%
13/03/23	42,891,933	43,844,526	2.22%
14/03/23	50,092,383	50,663,865	1.14%
15/03/23	51,967,264	53,457,263	2.87%
16/03/23	36,152,928	36,413,929	0.72%
17/03/23	33,945,285	33,613,425	-0.98%
18/03/23	33,448,309	34,940,850	4.46%
19/03/23	38,275,153	39,426,141	3.01%
20/03/23	35,746,974	35,212,227	-1.50%
21/03/23	37,092,008	37,219,909	0.34%
22/03/23	37,373,588	39,252,512	5.03%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
23/03/23	36,670,642	37,032,640	0.99%
24/03/23	38,640,578	39,723,804	2.80%
25/03/23	30,576,241	24,318,522	-20.47%
26/03/23	33,556,536	33,194,782	-1.08%
27/03/23	40,722,058	41,835,646	2.73%
28/03/23	35,676,511	35,788,138	0.31%
29/03/23	30,446,060	31,203,487	2.49%
30/03/23	28,686,636	28,051,479	-2.21%
31/03/23	33,209,301	33,807,478	1.80%
01/04/23	30,247,391	30,365,260	0.39%
02/04/23	27,974,090	27,663,429	-1.11%
03/04/23	34,143,360	36,142,792	5.86%
04/04/23	32,933,368	33,394,185	1.40%
05/04/23	29,436,287	29,017,965	-1.42%
06/04/23	28,993,610	29,094,581	0.35%
07/04/23	28,521,906	28,424,657	-0.34%
08/04/23	25,402,719	25,796,868	1.55%
09/04/23	26,992,290	27,488,738	1.84%
10/04/23	30,362,430	29,425,894	-3.08%
11/04/23	40,270,468	41,283,867	2.52%
12/04/23	45,883,060	46,718,257	1.82%
13/04/23	36,443,760	37,923,870	4.06%
14/04/23	32,844,399	32,760,641	-0.26%
15/04/23	29,514,034	30,028,110	1.74%
16/04/23	21,390,641	23,541,469	10.05%
17/04/23	23,242,509	24,594,710	5.82%
18/04/23	23,307,496	22,670,354	-2.73%
19/04/23	28,939,590	29,070,914	0.45%
20/04/23	25,690,857	26,164,936	1.85%
21/04/23	28,186,306	28,526,718	1.21%
22/04/23	29,342,377	29,667,500	1.11%
23/04/23	25,097,284	23,931,000	-4.65%
24/04/23	34,142,761	34,316,529	0.51%
25/04/23	34,043,113	33,897,012	-0.43%
26/04/23	28,774,046	28,633,214	-0.49%
27/04/23	29,454,021	29,761,138	1.04%
28/04/23	23,973,395	24,426,865	1.89%
29/04/23	19,031,414	18,894,566	-0.72%
30/04/23	16,579,936	16,873,186	1.77%
01/05/23	17,659,000	16,837,482	-4.65%
02/05/23	18,675,018	19,867,321	6.38%
03/05/23	18,652,741	19,202,483	2.95%
04/05/23	22,953,905	23,741,552	3.43%
05/05/23	17,664,093	17,869,075	1.16%



Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
06/05/23	15,396,320	15,656,383	1.69%
07/05/23	14,526,117	14,748,960	1.53%
08/05/23	14,897,618	15,609,006	4.78%
09/05/23	15,705,732	15,485,494	-1.40%
10/05/23	17,363,135	17,396,330	0.19%
11/05/23	18,727,667	19,329,357	3.21%
12/05/23	16,517,376	16,188,373	-1.99%
13/05/23	13,937,538	14,065,621	0.92%
14/05/23	15,450,713	15,422,572	-0.18%
15/05/23	18,089,865	18,667,129	3.19%
16/05/23	16,337,801	16,253,845	-0.51%
17/05/23	14,528,056	14,591,940	0.44%
18/05/23	14,529,567	14,674,241	1.00%
19/05/23	14,921,398	15,526,215	4.05%
20/05/23	13,068,792	13,296,790	1.74%
21/05/23	12,215,160	12,482,645	2.19%
22/05/23	13,586,347	14,360,221	5.70%
23/05/23	13,306,765	13,304,841	-0.01%
24/05/23	13,088,451	13,733,854	4.93%
25/05/23	12,022,180	11,989,053	-0.28%
26/05/23	11,215,466	11,259,002	0.39%
27/05/23	9,415,343	10,038,181	6.62%
28/05/23	9,933,858	10,082,613	1.50%
29/05/23	10,877,983	10,642,859	-2.16%
30/05/23	10,522,881	10,433,166	-0.85%
31/05/23	10,874,746	11,176,473	2.77%
01/06/23	10,891,067	10,963,156	0.66%
02/06/23	11,002,660	11,742,261	6.72%
03/06/23	9,075,468	9,308,033	2.56%
04/06/23	8,286,199	7,894,160	-4.73%
05/06/23	8,634,375	8,244,377	-4.52%
06/06/23	10,082,714	11,266,236	11.74%
07/06/23	11,184,455	11,766,340	5.20%
08/06/23	11,479,991	11,892,794	3.60%
09/06/23	10,013,021	10,456,192	4.43%
10/06/23	9,114,711	9,117,036	0.03%
11/06/23	8,172,303	8,145,942	-0.32%
12/06/23	9,281,396	10,248,228	10.42%
13/06/23	8,751,153	8,240,999	-5.83%
14/06/23	8,673,626	8,771,811	1.13%
15/06/23	8,717,179	7,829,255	-10.19%
16/06/23	9,112,252	9,716,921	6.64%
17/06/23	8,312,781	8,505,523	2.32%
18/06/23	7,722,198	8,060,333	4.38%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
19/06/23	8,454,582	8,795,593	4.03%
20/06/23	8,777,002	9,017,875	2.74%
21/06/23	8,791,085	8,832,149	0.47%
22/06/23	8,846,151	8,751,222	-1.07%
23/06/23	8,722,265	9,267,842	6.25%
24/06/23	7,344,019	7,462,617	1.61%
25/06/23	7,647,515	7,597,746	-0.65%
26/06/23	9,009,138	9,244,532	2.61%
27/06/23	8,749,674	8,846,031	1.10%
28/06/23	9,159,719	8,548,404	-6.67%
29/06/23	9,458,328	10,150,461	7.32%
30/06/23	10,321,834	11,035,887	6.92%
01/07/23	8,563,877	8,589,161	0.30%
02/07/23	8,679,909	8,675,544	-0.05%
03/07/23	11,640,622	12,414,816	6.65%
04/07/23	10,203,067	10,377,735	1.71%
05/07/23	10,410,983	10,745,177	3.21%
06/07/23	11,097,511	11,595,962	4.49%
07/07/23	9,189,225	9,368,724	1.95%
08/07/23	7,789,189	7,928,746	1.79%
09/07/23	7,616,192	7,878,821	3.45%
10/07/23	9,496,980	9,999,341	5.29%
11/07/23	9,372,062	9,606,839	2.51%
12/07/23	9,133,999	9,669,416	5.86%
13/07/23	9,481,604	9,292,878	-1.99%
14/07/23	11,128,895	11,208,234	0.71%
15/07/23	10,541,236	10,133,141	-3.87%
16/07/23	9,441,904	9,252,720	-2.00%
17/07/23	9,707,741	9,956,763	2.57%
18/07/23	11,005,046	12,198,442	10.84%
19/07/23	10,559,245	9,684,810	-8.28%
20/07/23	10,821,829	11,108,507	2.65%
21/07/23	11,337,586	11,768,802	3.80%
22/07/23	9,636,142	10,154,249	5.38%
23/07/23	9,730,119	10,759,765	10.58%
24/07/23	10,486,242	10,352,797	-1.27%
25/07/23	10,185,541	10,079,412	-1.04%
26/07/23	11,300,607	11,674,110	3.31%
27/07/23	9,903,094	10,057,015	1.55%
28/07/23	9,782,747	9,701,970	-0.83%
29/07/23	8,958,318	9,123,643	1.85%
30/07/23	9,306,886	8,972,216	-3.60%
31/07/23	10,432,872	10,826,466	3.77%
01/08/23	9,915,321	11,121,738	12.17%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
02/08/23	11,609,934	11,108,458	-4.32%
03/08/23	10,838,147	10,884,680	0.43%
04/08/23	11,285,922	11,776,239	4.34%
05/08/23	10,770,111	11,104,592	3.11%
06/08/23	9,128,393	9,166,122	0.41%
07/08/23	9,711,866	9,153,054	-5.75%
08/08/23	10,206,732	11,489,576	12.57%
09/08/23	9,636,030	9,707,937	0.75%
10/08/23	9,328,562	10,331,337	10.75%
11/08/23	9,316,072	9,560,293	2.62%
12/08/23	8,442,227	8,301,001	-1.67%
13/08/23	8,289,517	8,468,366	2.16%
14/08/23	9,426,731	10,291,636	9.18%
15/08/23	9,439,131	9,260,669	-1.89%
16/08/23	9,888,683	9,939,867	0.52%
17/08/23	9,623,531	9,837,345	2.22%
18/08/23	10,850,716	10,934,925	0.78%
19/08/23	8,619,287	8,478,667	-1.63%
20/08/23	7,875,504	8,336,036	5.85%
21/08/23	8,885,886	9,352,979	5.26%
22/08/23	9,526,954	9,446,955	-0.84%
23/08/23	10,054,081	10,247,007	1.92%
24/08/23	10,367,652	10,587,014	2.12%
25/08/23	10,621,297	11,235,559	5.78%
26/08/23	9,702,540	9,843,876	1.46%
27/08/23	9,968,356	10,154,271	1.87%
28/08/23	11,212,973	11,414,868	1.80%
29/08/23	11,282,496	11,476,223	1.72%
30/08/23	11,731,639	11,553,671	-1.52%
31/08/23	11,665,747	12,176,642	4.38%
01/09/23	10,457,382	10,409,786	-0.46%
02/09/23	8,770,572	8,894,573	1.41%
03/09/23	8,174,301	8,240,765	0.81%
04/09/23	8,878,565	9,321,887	4.99%
05/09/23	8,587,850	8,753,367	1.93%
06/09/23	8,545,213	8,812,826	3.13%
07/09/23	8,499,489	9,002,921	5.92%
08/09/23	8,112,905	8,142,316	0.36%
09/09/23	7,036,745	7,522,941	6.91%
10/09/23	7,184,527	8,022,271	11.66%
11/09/23	9,300,304	9,834,437	5.74%
12/09/23	10,160,592	10,537,195	3.71%
13/09/23	12,164,491	12,698,371	4.39%
14/09/23	11,599,907	11,589,373	-0.09%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
15/09/23	16,111,326	16,370,729	1.61%
16/09/23	15,659,250	15,812,966	0.98%
17/09/23	13,575,248	13,428,389	-1.08%
18/09/23	14,330,020	15,660,652	9.29%
19/09/23	13,569,386	12,941,504	-4.63%
20/09/23	13,439,339	13,353,102	-0.64%
21/09/23	15,208,005	15,333,179	0.82%
22/09/23	17,075,663	17,050,196	-0.15%
23/09/23	17,058,474	17,603,655	3.20%
24/09/23	13,730,383	13,342,992	-2.82%
25/09/23	13,551,393	13,433,673	-0.87%
26/09/23	14,406,587	15,162,012	5.24%
27/09/23	16,985,093	17,355,687	2.18%
28/09/23	17,691,159	17,622,007	-0.39%
29/09/23	16,211,374	16,457,837	1.52%
30/09/23	17,546,060	17,678,344	0.75%
<b>Total</b>	<b>10,121,413,288</b>	<b>10,219,281,740</b>	<b>0.97%</b>