

# NDM Accuracy of Forecasting Report

Gas Year 21/22

November 2022



# 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 <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, %
01/10/21	24,485,340	24,319,293	-0.68%
02/10/21	23,460,677	23,227,246	-0.99%
03/10/21	23,520,118	24,202,771	2.90%
04/10/21	28,086,493	28,391,406	1.09%
05/10/21	28,370,946	29,762,971	4.91%
06/10/21	28,840,505	29,868,267	3.56%
07/10/21	20,159,285	20,242,423	0.41%
08/10/21	18,978,618	18,985,695	0.04%
09/10/21	16,810,906	16,708,443	-0.61%
10/10/21	19,379,265	20,310,786	4.81%
11/10/21	25,770,761	25,302,489	-1.82%
12/10/21	26,383,866	26,423,524	0.15%
13/10/21	28,138,708	28,085,683	-0.19%
14/10/21	27,822,346	28,359,284	1.93%
15/10/21	28,349,696	28,713,887	1.28%
16/10/21	24,395,462	24,060,323	-1.37%
17/10/21	19,657,259	19,912,548	1.30%
18/10/21	19,878,306	24,071,138	21.09%
19/10/21	19,347,266	20,853,061	7.78%
20/10/21	27,241,098	27,237,872	-0.01%
21/10/21	34,831,053	35,193,973	1.04%
22/10/21	34,292,102	34,918,319	1.83%
23/10/21	29,316,694	31,996,644	9.14%
24/10/21	23,305,992	26,493,046	13.67%
25/10/21	28,653,696	28,253,684	-1.40%
26/10/21	27,656,064	28,549,230	3.23%
27/10/21	25,016,202	28,197,954	12.72%
28/10/21	25,014,757	28,131,608	12.46%
29/10/21	29,366,493	32,734,632	11.47%
30/10/21	30,593,956	29,116,870	-4.83%
31/10/21	33,459,000	34,653,451	3.57%
01/11/21	43,575,352	44,475,471	2.07%
02/11/21	45,461,489	45,622,648	0.35%
03/11/21	47,663,928	47,568,203	-0.20%
04/11/21	48,435,123	48,728,751	0.61%
05/11/21	45,234,394	44,813,594	-0.93%
06/11/21	38,210,991	37,738,404	-1.24%
07/11/21	37,403,367	40,253,299	7.62%
08/11/21	36,456,443	38,507,476	5.63%
09/11/21	33,958,238	33,379,280	-1.70%
10/11/21	37,596,257	40,938,690	8.89%
11/11/21	38,098,138	38,172,341	0.19%
12/11/21	37,975,320	38,140,205	0.43%
13/11/21	31,941,040	32,586,612	2.02%
14/11/21	29,174,981	29,187,039	0.04%
15/11/21	36,741,382	37,380,608	1.74%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
16/11/21	41,273,542	41,545,005	0.66%
17/11/21	43,400,405	43,716,077	0.73%
18/11/21	38,053,106	38,287,519	0.62%
19/11/21	37,602,147	37,987,628	1.03%
20/11/21	36,085,064	34,555,884	-4.24%
21/11/21	44,073,376	43,390,321	-1.55%
22/11/21	55,513,383	56,208,369	1.25%
23/11/21	57,364,475	57,881,060	0.90%
24/11/21	59,124,818	58,050,186	-1.82%
25/11/21	62,296,245	62,979,190	1.10%
26/11/21	62,826,731	61,588,675	-1.97%
27/11/21	60,010,626	60,508,375	0.83%
28/11/21	56,629,815	57,761,564	2.00%
29/11/21	58,360,422	58,554,509	0.33%
30/11/21	51,311,665	51,100,781	-0.41%
01/12/21	58,177,797	58,099,592	-0.13%
02/12/21	60,290,062	61,355,790	1.77%
03/12/21	56,021,585	55,239,032	-1.40%
04/12/21	56,944,658	56,393,400	-0.97%
05/12/21	54,991,849	55,312,636	0.58%
06/12/21	64,677,483	63,023,141	-2.56%
07/12/21	65,398,043	65,932,802	0.82%
08/12/21	69,460,770	70,094,417	0.91%
09/12/21	63,252,057	63,545,059	0.46%
10/12/21	65,711,045	66,090,149	0.58%
11/12/21	47,523,482	48,756,948	2.60%
12/12/21	41,146,864	42,856,362	4.15%
13/12/21	55,010,141	57,290,983	4.15%
14/12/21	56,055,532	56,667,991	1.09%
15/12/21	50,728,665	50,125,491	-1.19%
16/12/21	50,701,978	50,897,930	0.39%
17/12/21	53,321,117	53,141,072	-0.34%
18/12/21	48,440,317	48,900,300	0.95%
19/12/21	49,087,381	48,277,921	-1.65%
20/12/21	56,838,120	57,387,956	0.97%
21/12/21	57,926,446	58,007,343	0.14%
22/12/21	54,720,770	55,577,550	1.57%
23/12/21	42,567,539	41,176,019	-3.27%
24/12/21	43,227,952	42,688,736	-1.25%
25/12/21	38,456,547	39,902,450	3.76%
26/12/21	37,016,977	36,811,821	-0.55%
27/12/21	44,400,859	43,949,445	-1.02%
28/12/21	45,137,982	45,441,711	0.67%
29/12/21	41,084,957	42,327,980	3.03%
30/12/21	37,205,540	38,243,739	2.79%
31/12/21	34,429,567	34,270,369	-0.46%
01/01/22	31,491,721	32,089,561	1.90%
02/01/22	38,149,650	37,078,113	-2.81%
03/01/22	46,172,023	45,785,775	-0.84%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
04/01/22	62,740,544	63,833,230	1.74%
05/01/22	68,157,813	69,037,305	1.29%
06/01/22	66,299,293	66,886,332	0.89%
07/01/22	69,948,831	72,063,885	3.02%
08/01/22	55,077,430	53,394,028	-3.06%
09/01/22	54,452,768	56,058,719	2.95%
10/01/22	51,290,863	52,257,771	1.89%
11/01/22	55,500,858	56,500,555	1.80%
12/01/22	57,048,026	57,004,488	-0.08%
13/01/22	61,621,253	62,747,662	1.83%
14/01/22	59,831,427	59,799,848	-0.05%
15/01/22	51,596,819	52,481,829	1.72%
16/01/22	50,245,155	50,220,278	-0.05%
17/01/22	65,235,737	66,986,023	2.68%
18/01/22	60,276,144	59,918,349	-0.59%
19/01/22	56,443,084	56,744,589	0.53%
20/01/22	61,266,034	62,277,612	1.65%
21/01/22	60,244,122	60,423,597	0.30%
22/01/22	51,108,000	50,758,571	-0.68%
23/01/22	49,897,238	51,221,179	2.65%
24/01/22	57,224,900	57,703,334	0.84%
25/01/22	57,269,415	57,087,080	-0.32%
26/01/22	54,428,940	55,029,006	1.10%
27/01/22	49,403,551	49,456,011	0.11%
28/01/22	50,230,221	51,097,117	1.73%
29/01/22	43,618,921	44,239,457	1.42%
30/01/22	49,812,265	50,545,813	1.47%
31/01/22	57,259,223	57,374,602	0.20%
01/02/22	51,041,900	50,754,893	-0.56%
02/02/22	49,006,657	49,439,153	0.88%
03/02/22	48,741,642	48,666,282	-0.15%
04/02/22	59,686,682	59,890,834	0.34%
05/02/22	53,429,111	53,317,879	-0.21%
06/02/22	49,518,473	49,209,094	-0.62%
07/02/22	52,759,256	53,157,904	0.76%
08/02/22	48,013,975	48,441,605	0.89%
09/02/22	53,100,456	52,885,071	-0.41%
10/02/22	60,770,073	60,905,367	0.22%
11/02/22	62,214,275	62,580,530	0.59%
12/02/22	46,160,927	46,723,558	1.22%
13/02/22	45,467,782	45,705,984	0.52%
14/02/22	56,107,740	56,717,092	1.09%
15/02/22	54,462,300	55,129,270	1.22%
16/02/22	49,462,901	48,418,149	-2.11%
17/02/22	56,380,875	56,685,801	0.54%
18/02/22	64,328,052	64,177,460	-0.23%
19/02/22	53,952,485	53,505,148	-0.83%
20/02/22	51,275,116	50,597,765	-1.32%
21/02/22	56,023,475	56,403,358	0.68%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
22/02/22	50,024,463	50,090,889	0.13%
23/02/22	52,574,749	52,428,748	-0.28%
24/02/22	61,656,073	61,828,184	0.28%
25/02/22	54,412,555	54,223,047	-0.35%
26/02/22	48,034,666	49,105,050	2.23%
27/02/22	45,258,154	45,810,832	1.22%
28/02/22	51,751,813	52,108,101	0.69%
01/03/22	54,627,933	56,071,268	2.64%
02/03/22	55,022,020	54,752,251	-0.49%
03/03/22	49,443,641	49,665,161	0.45%
04/03/22	53,341,371	53,465,342	0.23%
05/03/22	49,182,586	49,422,788	0.49%
06/03/22	47,704,364	46,867,554	-1.75%
07/03/22	58,804,230	59,279,844	0.81%
08/03/22	56,608,274	57,104,781	0.88%
09/03/22	56,977,173	57,394,374	0.73%
10/03/22	51,420,202	52,427,880	1.96%
11/03/22	49,781,300	49,937,272	0.31%
12/03/22	46,315,374	46,586,366	0.59%
13/03/22	41,657,364	41,919,856	0.63%
14/03/22	51,458,261	51,476,923	0.04%
15/03/22	49,921,196	50,429,194	1.02%
16/03/22	46,780,201	46,312,918	-1.00%
17/03/22	40,750,149	38,982,386	-4.34%
18/03/22	37,799,329	38,608,766	2.14%
19/03/22	33,763,382	34,168,734	1.20%
20/03/22	35,296,259	35,477,290	0.51%
21/03/22	38,677,219	39,094,587	1.08%
22/03/22	34,063,899	34,259,722	0.57%
23/03/22	30,871,760	31,915,997	3.38%
24/03/22	30,055,182	32,291,495	7.44%
25/03/22	29,239,691	29,584,464	1.18%
26/03/22	25,251,886	18,989,737	-24.80%
27/03/22	24,471,888	25,264,438	3.24%
28/03/22	29,466,160	29,934,023	1.59%
29/03/22	31,107,500	31,601,860	1.59%
30/03/22	42,705,052	42,281,482	-0.99%
31/03/22	47,273,165	48,119,724	1.79%
01/04/22	48,592,282	48,902,113	0.64%
02/04/22	40,454,549	40,349,321	-0.26%
03/04/22	36,074,324	37,094,379	2.83%
04/04/22	38,978,936	39,941,109	2.47%
05/04/22	38,405,610	38,863,766	1.19%
06/04/22	40,377,294	39,957,047	-1.04%
07/04/22	42,018,918	42,558,239	1.28%
08/04/22	46,280,341	46,367,202	0.19%
09/04/22	38,958,647	39,100,954	0.37%
10/04/22	39,744,769	40,764,960	2.57%
11/04/22	40,942,613	42,090,922	2.80%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
12/04/22	39,954,840	40,821,477	2.17%
13/04/22	29,832,973	29,015,287	-2.74%
14/04/22	30,627,708	31,123,013	1.62%
15/04/22	24,775,301	26,741,255	7.94%
16/04/22	23,045,965	25,332,344	9.92%
17/04/22	25,830,426	25,290,137	-2.09%
18/04/22	29,437,498	29,389,312	-0.16%
19/04/22	31,378,256	32,528,490	3.67%
20/04/22	28,857,615	28,989,528	0.46%
21/04/22	26,070,324	25,361,860	-2.72%
22/04/22	28,799,109	28,350,987	-1.56%
23/04/22	26,258,590	25,144,408	-4.24%
24/04/22	22,522,808	22,427,607	-0.42%
25/04/22	28,304,320	29,048,076	2.63%
26/04/22	28,538,844	28,003,749	-1.87%
27/04/22	27,677,692	28,166,462	1.77%
28/04/22	29,215,766	29,104,349	-0.38%
29/04/22	27,326,731	27,966,444	2.34%
30/04/22	27,101,418	26,954,352	-0.54%
01/05/22	25,203,674	24,481,326	-2.87%
02/05/22	25,119,240	23,784,999	-5.31%
03/05/22	22,223,129	24,150,311	8.67%
04/05/22	19,607,900	20,122,591	2.62%
05/05/22	19,226,536	19,462,221	1.23%
06/05/22	21,071,605	21,303,951	1.10%
07/05/22	17,197,070	18,652,326	8.46%
08/05/22	14,789,840	14,921,046	0.89%
09/05/22	21,554,987	22,647,396	5.07%
10/05/22	19,133,804	18,455,557	-3.54%
11/05/22	19,681,266	19,938,566	1.31%
12/05/22	22,357,812	22,395,247	0.17%
13/05/22	18,571,841	18,337,179	-1.26%
14/05/22	14,546,123	14,546,981	0.01%
15/05/22	14,155,607	14,782,671	4.43%
16/05/22	14,815,328	16,029,074	8.19%
17/05/22	18,746,758	18,051,419	-3.71%
18/05/22	18,481,526	17,304,023	-6.37%
19/05/22	16,482,958	16,907,105	2.57%
20/05/22	17,332,960	17,903,829	3.29%
21/05/22	15,110,137	15,335,856	1.49%
22/05/22	14,125,502	13,551,920	-4.06%
23/05/22	16,916,006	17,106,492	1.13%
24/05/22	16,693,896	16,528,776	-0.99%
25/05/22	16,547,367	16,816,608	1.63%
26/05/22	15,616,642	15,814,805	1.27%
27/05/22	14,920,202	15,208,132	1.93%
28/05/22	12,887,593	12,679,557	-1.61%
29/05/22	13,649,557	13,797,070	1.08%
30/05/22	19,222,067	19,656,645	2.26%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
31/05/22	19,492,131	19,622,028	0.67%
01/06/22	15,670,207	16,013,298	2.19%
02/06/22	17,327,443	17,415,051	0.51%
03/06/22	15,859,993	15,984,315	0.78%
04/06/22	14,128,208	14,814,083	4.85%
05/06/22	18,490,935	18,576,968	0.47%
06/06/22	14,953,556	14,243,234	-4.75%
07/06/22	15,071,176	16,713,410	10.90%
08/06/22	13,922,127	14,740,433	5.88%
09/06/22	13,802,165	13,974,338	1.25%
10/06/22	13,286,087	13,733,151	3.36%
11/06/22	12,203,088	12,401,623	1.63%
12/06/22	12,827,752	12,274,607	-4.31%
13/06/22	14,816,850	15,454,301	4.30%
14/06/22	13,329,777	12,527,939	-6.02%
15/06/22	12,068,307	12,338,050	2.24%
16/06/22	11,401,391	11,356,179	-0.40%
17/06/22	11,014,644	11,156,322	1.29%
18/06/22	11,612,193	11,564,969	-0.41%
19/06/22	11,826,784	11,732,638	-0.80%
20/06/22	11,193,696	12,419,134	10.95%
21/06/22	11,143,502	11,170,245	0.24%
22/06/22	10,774,832	10,927,484	1.42%
23/06/22	10,278,170	10,427,567	1.45%
24/06/22	11,603,045	11,518,656	-0.73%
25/06/22	11,627,952	11,371,584	-2.20%
26/06/22	11,579,261	11,173,183	-3.51%
27/06/22	13,400,817	14,346,926	7.06%
28/06/22	12,670,123	12,659,483	-0.08%
29/06/22	12,345,499	12,573,681	1.85%
30/06/22	12,538,750	12,692,200	1.22%
01/07/22	13,149,785	13,512,963	2.76%
02/07/22	10,909,668	11,548,886	5.86%
03/07/22	10,913,045	11,649,651	6.75%
04/07/22	12,064,608	12,248,312	1.52%
05/07/22	11,569,155	11,862,245	2.53%
06/07/22	11,169,287	11,729,488	5.02%
07/07/22	10,038,843	11,143,131	11.00%
08/07/22	9,977,159	9,387,892	-5.91%
09/07/22	8,335,518	8,492,396	1.88%
10/07/22	7,651,416	7,976,927	4.25%
11/07/22	8,395,857	9,838,853	17.19%
12/07/22	8,767,407	9,491,160	8.26%
13/07/22	9,509,925	8,963,426	-5.75%
14/07/22	9,545,378	10,208,434	6.95%
15/07/22	9,256,804	10,043,248	8.50%
16/07/22	7,861,968	8,295,020	5.51%
17/07/22	6,780,298	6,618,845	-2.38%
18/07/22	7,414,679	7,478,512	0.86%



Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
19/07/22	7,942,539	7,414,679	-6.65%
20/07/22	8,957,555	8,961,585	0.04%
21/07/22	9,145,906	9,288,657	1.56%
22/07/22	9,327,036	9,278,681	-0.52%
23/07/22	7,807,115	10,065,608	28.93%
24/07/22	7,682,796	7,730,163	0.62%
25/07/22	9,189,767	9,401,167	2.30%
26/07/22	9,790,786	9,921,592	1.34%
27/07/22	10,318,618	10,312,256	-0.06%
28/07/22	9,896,926	10,110,377	2.16%
29/07/22	9,405,415	9,584,591	1.91%
30/07/22	8,329,816	8,180,369	-1.79%
31/07/22	7,978,224	10,075,435	26.29%
01/08/22	8,686,422	8,357,377	-3.79%
02/08/22	8,430,683	9,113,532	8.10%
03/08/22	8,946,976	9,195,211	2.77%
04/08/22	10,138,189	10,561,698	4.18%
05/08/22	10,441,935	10,602,448	1.54%
06/08/22	9,166,711	9,040,773	-1.37%
07/08/22	8,088,376	8,169,178	1.00%
08/08/22	8,822,857	9,124,839	3.42%
09/08/22	8,478,450	8,042,585	-5.14%
10/08/22	8,349,878	8,244,221	-1.27%
11/08/22	7,969,724	8,032,183	0.78%
12/08/22	7,843,996	8,013,456	2.16%
13/08/22	6,761,828	6,867,532	1.56%
14/08/22	6,534,082	7,012,641	7.32%
15/08/22	8,214,940	8,987,158	9.40%
16/08/22	9,383,463	9,310,445	-0.78%
17/08/22	10,066,932	10,194,917	1.27%
18/08/22	9,661,263	9,554,727	-1.10%
19/08/22	10,113,631	9,917,998	-1.93%
20/08/22	8,593,458	9,158,786	6.58%
21/08/22	8,428,609	8,766,322	4.01%
22/08/22	9,017,723	8,924,704	-1.03%
23/08/22	8,867,953	8,687,160	-2.04%
24/08/22	9,600,490	9,960,989	3.76%
25/08/22	9,933,302	10,148,996	2.17%
26/08/22	10,193,536	10,207,870	0.14%
27/08/22	8,807,250	8,567,632	-2.72%
28/08/22	8,647,577	8,548,708	-1.14%
29/08/22	9,216,785	9,517,412	3.26%
30/08/22	9,387,822	9,527,327	1.49%
31/08/22	9,753,872	9,939,523	1.90%
01/09/22	9,759,742	9,865,390	1.08%
02/09/22	9,706,119	10,311,413	6.24%
03/09/22	10,676,200	10,973,602	2.79%
04/09/22	9,094,921	8,906,131	-2.08%
05/09/22	10,269,731	10,873,626	5.88%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
06/09/22	10,541,339	11,206,046	6.31%
07/09/22	10,843,707	10,801,127	-0.39%
08/09/22	11,062,190	11,312,762	2.27%
09/09/22	11,052,032	11,374,630	2.92%
10/09/22	9,881,039	9,914,362	0.34%
11/09/22	10,409,489	10,646,831	2.28%
12/09/22	11,501,752	11,694,341	1.67%
13/09/22	12,201,164	12,220,213	0.16%
14/09/22	13,365,956	14,204,428	6.27%
15/09/22	13,503,072	13,413,041	-0.67%
16/09/22	14,632,592	14,870,311	1.62%
17/09/22	13,751,787	13,582,469	-1.23%
18/09/22	12,416,915	12,808,914	3.16%
19/09/22	13,177,769	13,465,554	2.18%
20/09/22	12,177,678	12,426,978	2.05%
21/09/22	12,210,138	12,642,160	3.54%
22/09/22	13,477,214	13,326,693	-1.12%
23/09/22	15,158,182	15,479,495	2.12%
24/09/22	14,688,872	14,474,064	-1.46%
25/09/22	16,416,093	16,304,746	-0.68%
26/09/22	18,460,521	18,286,172	-0.94%
27/09/22	21,685,740	21,821,480	0.63%
28/09/22	22,325,279	22,473,529	0.66%
29/09/22	21,515,980	21,636,732	0.56%
30/09/22	20,802,417	21,098,294	1.42%
<b>Total</b>	<b>11,178,217,684</b>	<b>11,285,238,003</b>	<b>0.96%</b>