

NDM Accuracy of Forecasting Report

Gas Year 19/20

November 2020



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 Meter Data Services group, 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 Transportation Monthly Reports published by Gas Networks Ireland.
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).

Gas Year 19/20

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
01/10/19	30,024,273	30,424,645	1%
02/10/19	32,259,720	33,743,549	5%
03/10/19	31,048,903	32,463,941	5%
04/10/19	27,360,293	27,219,969	-1%
05/10/19	24,674,518	24,104,595	-2%
06/10/19	22,236,819	22,129,880	0%
07/10/19	24,468,689	24,087,576	-2%
08/10/19	27,322,263	27,221,600	0%
09/10/19	30,554,648	30,993,623	1%
10/10/19	30,225,738	32,197,034	7%
11/10/19	29,265,444	30,100,569	3%
12/10/19	25,845,494	27,045,082	5%
13/10/19	27,664,402	28,077,083	1%
14/10/19	32,636,631	33,943,434	4%
15/10/19	29,941,393	30,677,507	2%
16/10/19	30,333,186	31,091,333	2%
17/10/19	33,183,604	34,448,875	4%
18/10/19	34,953,284	35,764,941	2%
19/10/19	34,888,921	34,604,144	-1%
20/10/19	34,152,749	34,485,930	1%
21/10/19	39,974,150	40,783,638	2%
22/10/19	41,352,279	42,689,475	3%
23/10/19	37,042,021	37,502,406	1%
24/10/19	36,848,661	37,707,139	2%
25/10/19	46,975,325	48,590,212	3%
26/10/19	42,558,239	36,803,280	-14%
27/10/19	41,937,210	43,670,467	4%
28/10/19	47,061,711	49,269,531	5%
29/10/19	47,119,448	48,948,723	4%
30/10/19	45,227,814	46,605,772	3%
31/10/19	41,935,262	43,083,569	3%
01/11/19	35,593,831	41,390,190	16%
02/11/19	36,692,520	37,392,291	2%
03/11/19	37,035,464	38,297,380	3%
04/11/19	47,003,499	47,813,421	2%
05/11/19	45,630,962	45,545,687	0%
06/11/19	48,958,141	49,097,290	0%
07/11/19	54,665,497	54,881,902	0%
08/11/19	52,266,266	52,694,333	1%
09/11/19	50,845,824	49,962,445	-2%
10/11/19	50,502,183	51,247,737	1%
11/11/19	59,360,333	59,715,758	1%
12/11/19	60,132,858	59,987,954	0%
13/11/19	62,167,453	62,756,311	1%
14/11/19	62,822,739	62,796,786	0%
15/11/19	63,959,486	64,311,634	1%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
16/11/19	59,578,962	59,493,491	0%
17/11/19	55,211,619	55,472,725	0%
18/11/19	62,516,447	63,606,902	2%
19/11/19	55,392,713	54,596,241	-1%
20/11/19	56,298,571	56,799,941	1%
21/11/19	56,772,829	58,093,800	2%
22/11/19	51,264,455	52,181,124	2%
23/11/19	48,073,323	49,712,291	3%
24/11/19	44,817,060	46,972,423	5%
25/11/19	46,276,161	45,450,107	-2%
26/11/19	47,798,398	49,086,915	3%
27/11/19	47,615,087	48,399,802	2%
28/11/19	50,986,945	52,129,634	2%
29/11/19	56,626,305	57,825,206	2%
30/11/19	52,406,235	51,808,390	-1%
01/12/19	55,948,169	56,410,993	1%
02/12/19	66,932,011	68,117,770	2%
03/12/19	63,112,051	65,161,087	3%
04/12/19	57,210,138	57,471,894	0%
05/12/19	55,650,236	57,708,322	4%
06/12/19	51,193,465	51,521,188	1%
07/12/19	46,027,884	46,804,297	2%
08/12/19	52,154,920	54,153,176	4%
09/12/19	57,288,846	58,758,314	3%
10/12/19	56,047,339	56,374,642	1%
11/12/19	63,910,718	65,004,132	2%
12/12/19	60,127,366	61,723,663	3%
13/12/19	64,045,523	63,392,496	-1%
14/12/19	63,216,536	63,708,835	1%
15/12/19	62,258,261	63,498,783	2%
16/12/19	68,237,871	69,544,445	2%
17/12/19	69,674,467	71,103,081	2%
18/12/19	65,201,905	66,928,184	3%
19/12/19	56,367,384	57,590,973	2%
20/12/19	58,549,148	57,294,522	-2%
21/12/19	55,722,058	56,702,687	2%
22/12/19	52,512,643	52,978,296	1%
23/12/19	56,655,249	56,284,400	-1%
24/12/19	54,546,526	54,110,290	-1%
25/12/19	52,228,132	52,777,555	1%
26/12/19	44,900,957	47,696,238	6%
27/12/19	43,997,673	44,679,041	2%
28/12/19	41,575,512	42,326,635	2%
29/12/19	39,746,851	38,916,801	-2%
30/12/19	44,992,462	45,486,089	1%
31/12/19	47,662,220	47,991,983	1%
01/01/20	48,358,114	49,186,587	2%
02/01/20	50,646,703	53,885,592	6%
03/01/20	55,412,784	56,046,547	1%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
04/01/20	50,139,572	49,385,608	-2%
05/01/20	45,962,005	45,897,760	0%
06/01/20	53,574,541	54,109,441	1%
07/01/20	48,066,696	49,725,258	3%
08/01/20	53,168,343	54,061,115	2%
09/01/20	61,391,607	61,657,525	0%
10/01/20	61,569,814	62,439,175	1%
11/01/20	48,109,246	49,210,605	2%
12/01/20	49,832,052	52,421,621	5%
13/01/20	62,222,644	62,955,234	1%
14/01/20	64,064,868	66,123,382	3%
15/01/20	63,697,718	65,092,748	2%
16/01/20	57,741,179	56,869,055	-2%
17/01/20	63,099,887	64,143,662	2%
18/01/20	63,665,623	62,445,066	-2%
19/01/20	62,653,407	64,536,690	3%
20/01/20	65,961,302	67,854,394	3%
21/01/20	59,456,064	61,633,844	4%
22/01/20	53,015,987	53,377,143	1%
23/01/20	53,393,620	52,972,394	-1%
24/01/20	56,213,691	56,367,709	0%
25/01/20	50,650,041	51,072,311	1%
26/01/20	50,784,810	51,280,700	1%
27/01/20	64,149,360	65,463,518	2%
28/01/20	69,363,950	68,982,490	-1%
29/01/20	62,818,925	65,906,496	5%
30/01/20	52,940,405	53,773,467	2%
31/01/20	48,692,939	48,781,025	0%
01/02/20	48,322,643	48,419,285	0%
02/02/20	46,333,922	47,473,229	2%
03/02/20	59,402,094	59,929,241	1%
04/02/20	60,819,897	61,698,836	1%
05/02/20	60,918,294	62,791,991	3%
06/02/20	60,107,673	61,210,809	2%
07/02/20	60,030,201	60,487,569	1%
08/02/20	55,129,834	55,995,469	2%
09/02/20	49,479,800	49,409,399	0%
10/02/20	70,773,284	71,723,137	1%
11/02/20	74,831,844	75,104,040	0%
12/02/20	68,397,237	70,864,782	4%
13/02/20	63,326,319	64,916,513	3%
14/02/20	57,088,162	57,942,697	1%
15/02/20	52,204,886	52,208,003	0%
16/02/20	55,857,696	55,346,706	-1%
17/02/20	63,960,948	64,286,534	1%
18/02/20	65,950,643	66,382,990	1%
19/02/20	61,578,417	66,268,996	8%
20/02/20	60,400,025	62,550,333	4%
21/02/20	57,510,474	59,311,178	3%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
22/02/20	53,148,243	53,684,167	1%
23/02/20	49,835,487	50,471,643	1%
24/02/20	56,993,246	57,506,429	1%
25/02/20	67,164,702	68,576,589	2%
26/02/20	64,855,550	67,277,409	4%
27/02/20	61,106,429	63,431,243	4%
28/02/20	54,081,973	54,869,256	1%
29/02/20	59,651,635	59,059,606	-1%
01/03/20	56,623,452	59,264,922	5%
02/03/20	64,221,714	64,801,246	1%
03/03/20	59,900,981	61,213,187	2%
04/03/20	57,354,553	58,774,037	2%
05/03/20	58,974,736	60,404,301	2%
06/03/20	57,975,801	59,954,259	3%
07/03/20	47,978,785	48,436,033	1%
08/03/20	48,279,476	48,888,918	1%
09/03/20	58,480,768	60,785,531	4%
10/03/20	49,680,539	50,483,870	2%
11/03/20	55,220,255	55,206,772	0%
12/03/20	61,185,880	63,220,263	3%
13/03/20	54,855,869	56,552,037	3%
14/03/20	47,206,530	48,077,090	2%
15/03/20	45,754,075	45,977,893	0%
16/03/20	52,763,775	53,155,644	1%
17/03/20	42,434,361	43,568,209	3%
18/03/20	49,857,983	51,615,343	4%
19/03/20	50,035,804	50,964,392	2%
20/03/20	52,094,221	53,916,201	3%
21/03/20	50,512,131	51,497,451	2%
22/03/20	41,603,943	42,227,606	1%
23/03/20	44,635,518	46,369,701	4%
24/03/20	39,864,949	41,295,176	4%
25/03/20	34,952,494	34,430,222	-1%
26/03/20	35,523,705	36,511,238	3%
27/03/20	40,194,149	41,110,349	2%
28/03/20	37,883,359	35,073,025	-7%
29/03/20	44,621,747	45,354,412	2%
30/03/20	50,806,784	52,910,100	4%
31/03/20	43,465,328	44,518,012	2%
01/04/20	42,218,418	43,286,719	3%
02/04/20	39,071,058	39,819,556	2%
03/04/20	36,137,676	37,154,539	3%
04/04/20	33,990,749	35,209,398	4%
05/04/20	31,112,287	31,670,764	2%
06/04/20	30,934,067	32,125,420	4%
07/04/20	28,897,175	30,574,171	6%
08/04/20	24,886,956	26,023,194	5%
09/04/20	24,503,628	24,747,400	1%
10/04/20	20,630,672	21,297,111	3%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
11/04/20	16,247,802	16,691,569	3%
12/04/20	26,896,115	26,006,513	-3%
13/04/20	29,281,490	28,127,386	-4%
14/04/20	28,231,825	30,098,985	7%
15/04/20	25,392,811	27,191,800	7%
16/04/20	24,427,279	25,937,796	6%
17/04/20	25,934,072	26,819,831	3%
18/04/20	29,539,485	29,117,867	-1%
19/04/20	25,524,497	25,142,829	-1%
20/04/20	25,414,482	26,466,836	4%
21/04/20	25,368,389	25,919,609	2%
22/04/20	23,689,679	24,522,845	4%
23/04/20	21,335,044	21,818,118	2%
24/04/20	20,640,949	21,904,952	6%
25/04/20	17,777,820	18,189,338	2%
26/04/20	23,383,802	23,327,868	0%
27/04/20	22,619,032	23,887,144	6%
28/04/20	24,053,794	24,512,563	2%
29/04/20	30,010,671	30,094,997	0%
30/04/20	30,796,472	31,444,294	2%
01/05/20	27,816,708	28,376,733	2%
02/05/20	22,393,744	23,280,868	4%
03/05/20	18,888,700	19,264,995	2%
04/05/20	18,944,335	18,441,854	-3%
05/05/20	22,397,364	24,005,088	7%
06/05/20	20,525,726	21,908,899	7%
07/05/20	18,058,241	18,949,343	5%
08/05/20	15,213,447	16,408,944	8%
09/05/20	12,029,512	12,890,089	7%
10/05/20	21,187,406	21,629,718	2%
11/05/20	25,251,518	26,128,938	3%
12/05/20	24,319,517	24,189,742	-1%
13/05/20	25,308,940	25,448,056	1%
14/05/20	21,681,515	23,114,826	7%
15/05/20	24,453,596	24,276,345	-1%
16/05/20	19,444,836	20,480,057	5%
17/05/20	17,525,612	18,139,728	4%
18/05/20	19,146,439	21,755,127	14%
19/05/20	13,543,496	14,524,522	7%
20/05/20	12,423,803	12,934,377	4%
21/05/20	14,533,026	15,721,058	8%
22/05/20	16,467,315	16,126,991	-2%
23/05/20	18,131,940	19,538,696	8%
24/05/20	12,274,876	12,578,496	2%
25/05/20	13,429,469	14,912,874	11%
26/05/20	11,711,301	12,501,977	7%
27/05/20	10,850,674	12,211,357	13%
28/05/20	9,795,354	10,624,439	8%
29/05/20	9,295,623	10,029,897	8%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
30/05/20	8,195,174	8,461,627	3%
31/05/20	7,825,315	8,046,944	3%
01/06/20	7,860,650	7,588,147	-3%
02/06/20	8,283,389	9,947,298	20%
03/06/20	11,552,205	12,749,121	10%
04/06/20	13,937,573	15,247,224	9%
05/06/20	15,216,361	15,451,038	2%
06/06/20	21,748,416	21,085,366	-3%
07/06/20	15,702,727	15,954,905	2%
08/06/20	13,852,678	14,967,854	8%
09/06/20	16,553,687	17,259,297	4%
10/06/20	17,566,086	17,864,806	2%
11/06/20	20,582,032	21,793,337	6%
12/06/20	21,343,119	22,086,782	3%
13/06/20	13,750,207	14,565,840	6%
14/06/20	10,752,902	11,933,501	11%
15/06/20	9,941,315	12,153,029	22%
16/06/20	10,612,225	10,736,580	1%
17/06/20	11,522,938	12,203,957	6%
18/06/20	12,193,192	13,097,894	7%
19/06/20	14,250,696	15,261,469	7%
20/06/20	12,290,058	13,005,514	6%
21/06/20	10,527,810	10,936,654	4%
22/06/20	12,651,859	13,822,674	9%
23/06/20	12,412,210	13,240,567	7%
24/06/20	10,418,800	11,301,807	8%
25/06/20	9,073,347	10,065,762	11%
26/06/20	9,546,251	10,407,383	9%
27/06/20	10,645,886	11,703,818	10%
28/06/20	13,103,134	13,749,581	5%
29/06/20	17,494,293	17,420,189	0%
30/06/20	14,332,550	15,071,619	5%
01/07/20	15,004,048	15,990,782	7%
02/07/20	13,163,309	14,081,930	7%
03/07/20	13,839,746	15,106,762	9%
04/07/20	11,297,474	11,900,255	5%
05/07/20	12,566,880	12,889,705	3%
06/07/20	13,404,680	14,358,950	7%
07/07/20	16,608,649	17,731,494	7%
08/07/20	17,231,109	18,211,045	6%
09/07/20	14,980,766	16,006,386	7%
10/07/20	13,994,387	14,745,225	5%
11/07/20	11,747,993	12,519,506	7%
12/07/20	10,747,784	11,149,918	4%
13/07/20	11,737,184	12,735,423	9%
14/07/20	15,128,213	16,065,120	6%
15/07/20	12,844,155	14,366,656	12%
16/07/20	10,636,292	11,620,388	9%
17/07/20	11,020,857	12,325,135	12%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
18/07/20	10,193,707	10,763,367	6%
19/07/20	9,792,248	10,176,990	4%
20/07/20	11,309,329	12,286,737	9%
21/07/20	10,589,867	11,500,949	9%
22/07/20	10,653,209	11,930,276	12%
23/07/20	10,732,827	11,928,901	11%
24/07/20	11,083,705	11,479,883	4%
25/07/20	10,713,681	11,069,954	3%
26/07/20	10,250,709	10,917,848	7%
27/07/20	11,536,545	12,256,096	6%
28/07/20	12,078,219	13,205,412	9%
29/07/20	13,241,339	14,586,241	10%
30/07/20	11,418,077	12,816,147	12%
31/07/20	10,365,271	11,529,538	11%
01/08/20	10,447,076	10,936,438	5%
02/08/20	10,161,108	10,913,614	7%
03/08/20	10,926,832	10,479,639	-4%
04/08/20	10,468,219	12,785,688	22%
05/08/20	10,257,175	11,435,890	11%
06/08/20	10,013,474	11,730,959	17%
07/08/20	9,715,066	10,972,288	13%
08/08/20	8,676,954	9,741,682	12%
09/08/20	8,508,088	9,027,430	6%
10/08/20	10,887,591	12,691,248	17%
11/08/20	10,114,429	10,817,858	7%
12/08/20	9,253,200	10,168,431	10%
13/08/20	9,432,208	10,515,648	11%
14/08/20	9,666,330	11,111,476	15%
15/08/20	8,774,485	9,740,456	11%
16/08/20	9,621,226	9,779,978	2%
17/08/20	12,077,226	12,548,347	4%
18/08/20	10,632,940	11,595,759	9%
19/08/20	12,347,112	13,244,750	7%
20/08/20	11,381,605	12,352,357	9%
21/08/20	11,064,948	12,508,817	13%
22/08/20	11,099,347	11,950,265	8%
23/08/20	10,361,206	10,891,759	5%
24/08/20	12,444,195	13,873,217	11%
25/08/20	14,473,736	15,404,106	6%
26/08/20	12,595,091	13,938,502	11%
27/08/20	15,134,135	15,671,365	4%
28/08/20	17,637,250	20,317,184	15%
29/08/20	17,638,783	17,003,714	-4%
30/08/20	15,727,847	16,943,848	8%
31/08/20	15,707,652	16,220,747	3%
01/09/20	13,882,354	15,109,039	9%
02/09/20	13,821,994	14,612,410	6%
03/09/20	13,395,106	14,189,140	6%
04/09/20	15,352,639	16,280,642	6%

Date	Daily Delivered Energy, kWh	Forecast Energy Demand, kWh	Accuracy, %
05/09/20	15,759,028	16,834,155	7%
06/09/20	13,082,740	13,795,062	5%
07/09/20	14,508,396	16,123,970	11%
08/09/20	11,824,358	13,054,822	10%
09/09/20	13,406,873	14,199,051	6%
10/09/20	16,198,538	16,732,777	3%
11/09/20	17,883,987	18,828,414	5%
12/09/20	14,853,627	16,444,150	11%
13/09/20	10,735,021	11,718,549	9%
14/09/20	11,845,899	12,866,124	9%
15/09/20	11,010,686	11,935,618	8%
16/09/20	11,126,862	12,656,317	14%
17/09/20	11,504,509	12,634,114	10%
18/09/20	14,443,152	16,014,204	11%
19/09/20	15,423,379	15,201,521	-1%
20/09/20	14,838,918	14,734,981	-1%
21/09/20	14,934,613	15,911,053	7%
22/09/20	16,317,424	17,184,104	5%
23/09/20	19,436,596	20,576,192	6%
24/09/20	27,641,672	28,338,643	3%
25/09/20	30,060,839	30,840,146	3%
26/09/20	27,493,265	28,126,506	2%
27/09/20	24,831,639	26,684,864	7%
28/09/20	22,685,005	24,505,712	8%
29/09/20	24,973,191	25,206,698	1%
30/09/20	26,872,800	28,762,405	7%