

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, JANUARY 2024

In January 2024, compared to the previous month, for the production of energy products, the largest increase is observed in liquefied petroleum gases - by 33.3%. The largest decrease is registered in solid fuels - by 27.4%.

For the deliveries of energy products, the largest increase is observed in motor gasoline - by 36.8%. The largest decrease is registered in solid fuels - by 27.7%.

Production of energy products

In January 2024, compared to December 2023, an increase is reported for the production of:

- liquefied petroleum gases - by 33.3% to 4 thousand tonnes;
- motor gasoline - by 6.6% to 146 thousand tonnes.

A decrease is reported for the production of:

- solid fuels - by 27.4% to 1 559 thousand tonnes;
- transport diesel - by 14.5% to 236 thousand tonnes;
- electricity - by 1.3% to 3 723 GWh.

There is no change in the production of natural gas (Annex, Table 1).

Compared to the same month of the previous year, an increase is not reported for the production of any of the products.

A decrease is reported for the production of:

- solid fuels - by 48.8%;
- liquefied petroleum gases - by 42.9%;
- transport diesel - by 25.8%;
- electricity - by 16.1%;
- motor gasoline - by 11.5%.

There is no change in the production of natural gas.

Deliveries of energy products

In January 2024, compared to December 2023, an increase is reported for the deliveries of:

- motor gasoline - by 36.8% to 52 thousand tonnes;
- electricity - by 9.2% to 3 711 GWh;
- transport diesel - by 8.4% to 207 thousand tonnes;
- natural gas - by 1.7% to 297 million m³.

A decrease is reported for the deliveries of:

- solid fuels - by 27.7% to 1 625 thousand tonnes;
- liquefied petroleum gases - by 11.4% to 39 thousand tonnes (Annex, Table 2).



Compared to the same month of 2023, an increase is reported for the deliveries of:

- natural gas - by 14.2%;
- electricity - by 10.3%;
- liquefied petroleum gases - by 5.4%.

The deliveries of motor gasoline significantly increase, due to reduced deliveries in January 2023, as currently reaches its usual levels - to 52 thousand tonnes.

A decrease is reported for the deliveries of:

- solid fuels - by 44.1%;
- transport diesel - by 6.8%.

Methodological notes

The survey on energy products is conducted every month in accordance with Regulation (EC) No. 1099/2008 of the European Parliament and of the Council of 22 October 2008 on energy statistics and its amendments. The survey aims to submit information on the production and inland deliveries of the main energy products - electricity, solid fuels, natural gas and petroleum products. The reporting units are producers, importers and exporters of energy products. Production and deliveries of energy products are the main observed indicators.

Data series can be found on the NSI website: www.nsi.bg, section Energy/Data.

Solid fuels

Production - includes Hard coal, Lignite and Solid fuels from coal. Producers report quantities calculated after any operation for the removal of inert matter.

Deliveries - it is calculated as: production + imports – exports + stock change.

Since 1.01.2017, Brown coal briquettes have been excluded from the monthly survey.

Petroleum products

Production - includes production of finished products at a refinery or blending plant.

Deliveries - wholesale deliveries to the domestic market of finished petroleum products from producers and importers/exporters.

Deliveries of petroleum products are defined as: primary product receipts + gross refinery output + recycled products – refinery fuel + imports – exports – international marine bunkers + interproduct transfers – products transferred – stock changes.

The production and deliveries of motor gasoline and transport diesel include the quantity of biofuel, mixed with the mineral fuel.

Natural gas

Production - includes all dry marketable production within national boundaries, including offshore production. Production is measured after purification and extraction of NGLs and sulfur. Excludes extraction losses and quantities reinjected, vented or flared. Includes quantities used within the natural gas industry; in gas extraction, pipeline systems and processing plants.

Deliveries - total natural gas, distributed for the internal market, including own use and losses.

Data are presented in million cubic meters assuming reference gas conditions 15°C and 101.325 kPa. To convert quantities from cubic meters at 20°C to cubic meters at 15°C - according to the reporting requirements of Regulation (EC) No. 1099/2008 of the European Parliament and the Council on Energy Statistics, we use a conversion factor of 0.98294.

Electricity

Production - includes produced electricity from Thermal power plants, Nuclear power plants, Hydropower plants, Pumped storage plants and electricity, obtained from wind generators and solar panels.

Deliveries/Total net consumption - the sum of the net produced electricity and net import, reduced by the amount used for pumped storage.



Annex

Table 1

Production of energy products

	Measure	2023												2024	Change in January 2024 (%)	
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	3046	2782	1981	1445	1047	794	1361	1309	1392	1967	1758	2147	1559	-27.4	-48.8
Total petroleum products	thousand tonnes	646	470	424	337	535	543	666	691	617	648	567	567	523	-7.8	-19.0
of which:																
Liquefied petroleum gases	thousand tonnes	7	5	5	3	6	8	6	8	8	7	4	3	4	33.3	-42.9
Motor gasoline	thousand tonnes	165	116	110	45	149	134	169	171	150	169	151	137	146	6.6	-11.5
Transport diesel	thousand tonnes	318	227	191	176	249	268	295	289	260	280	260	276	236	-14.5	-25.8
Natural gas	million m ³	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0	0.0
Electricity	GWh	4440	4114	3705	3063	2518	2963	3355	3269	3149	2787	3111	3772	3723	-1.3	-16.1

Table 2

Deliveries of energy products

	Measure	2023												2024	Change in January 2024 (%)	
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	2909	2593	1824	1294	937	786	1537	1363	1442	2023	1930	2249	1625	-27.7	-44.1
Total petroleum products	thousand tonnes	322	347	318	314	370	388	477	466	397	402	389	332	347	4.5	7.8
of which:																
Liquefied petroleum gases	thousand tonnes	37	44	43	45	43	34	52	46	44	43	35	44	39	-11.4	5.4
Motor gasoline	thousand tonnes	10	39	34	30	46	45	69	79	52	46	49	38	52	36.8	420.0
Transport diesel	thousand tonnes	222	199	164	167	208	227	265	258	218	229	238	191	207	8.4	-6.8
Natural gas	million m ³	260	258	259	212	150	145	179	167	179	191	260	292	297	1.7	14.2
Electricity	GWh	3364	3183	3040	2704	2473	2300	2657	2604	2306	2421	2874	3399	3711	9.2	10.3

Figure 1. Production and deliveries of solid fuels

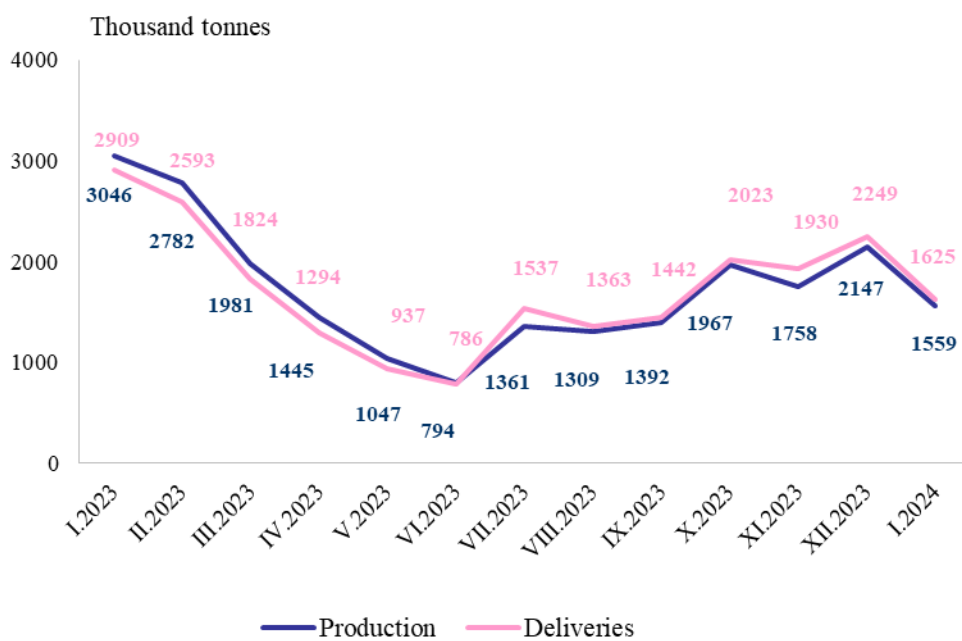


Figure 2. Production and deliveries of liquefied petroleum gases

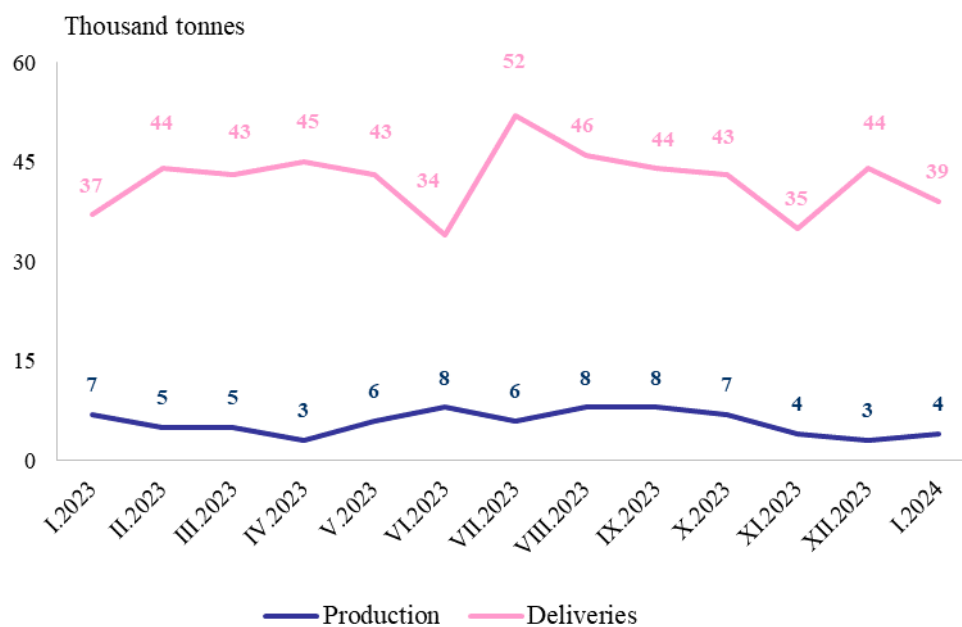


Figure 3. Production and deliveries of motor gasoline

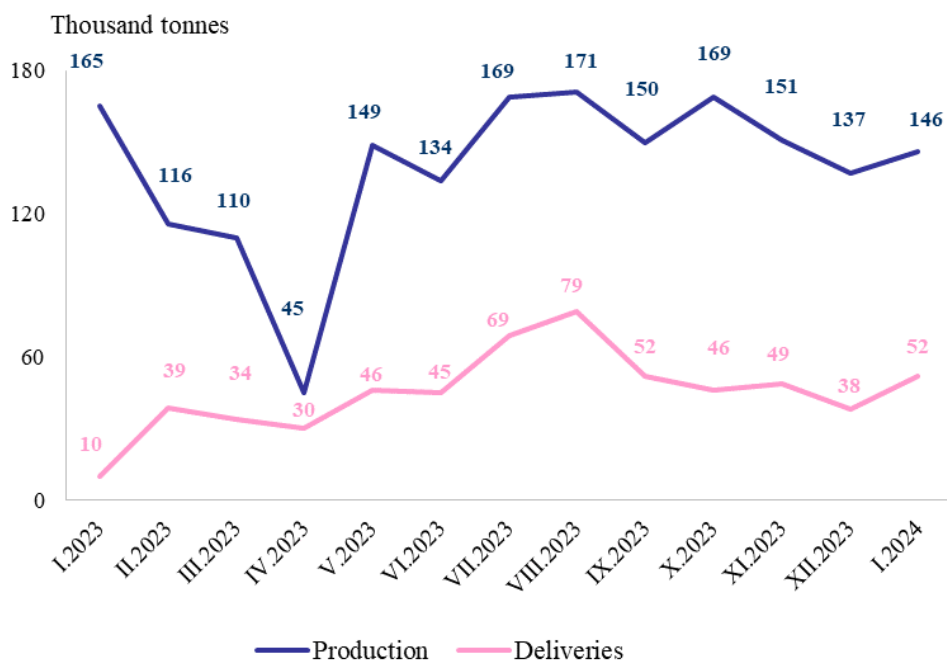


Figure 4. Production and deliveries of transport diesel

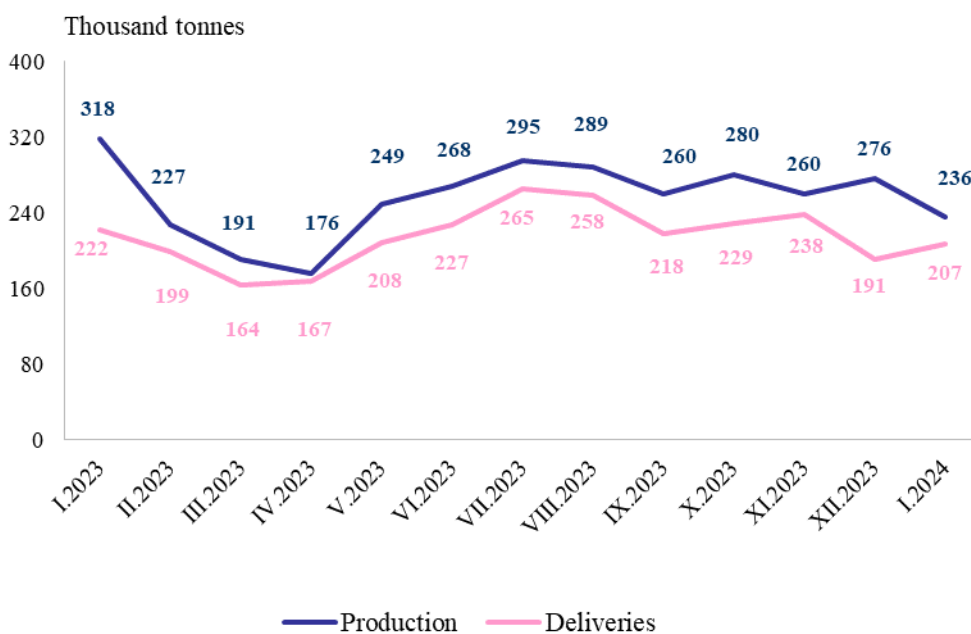


Figure 5. Production and deliveries of natural gas

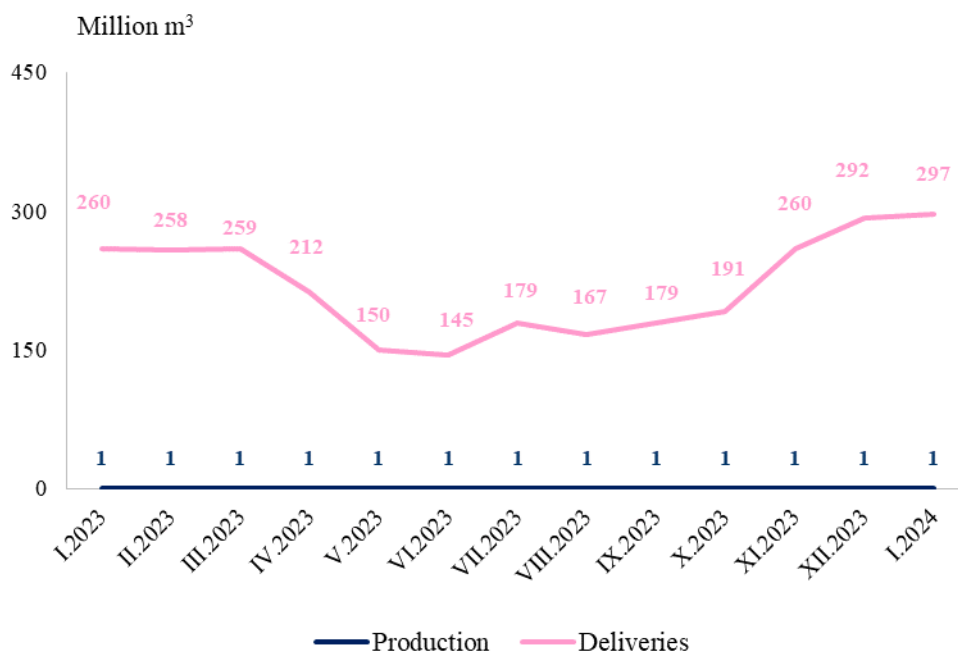


Figure 6. Production and deliveries of electricity

