



PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, MAY 2024

In May 2024, compared to April 2024, for the production of energy products no increase is observed in any of the products. The largest decrease is registered in solid fuels - by 36.3%.

For the deliveries of energy products the largest increase is observed in motor gasoline - by 83.7%. The largest decrease is registered in solid fuels - by 34.1%.

Production of energy products

In May 2024, compared to April 2024, for the production of energy products, no increase is reported in any of the products.

A decrease is reported in the production of:

- solid fuels - by 36.3% to 434 thousand tonnes;
- electricity - by 19.8% to 2 563 GWh;
- motor gasoline - by 9.9% to 146 thousand tonnes;
- transport diesel - by 2.3% to 298 thousand tonnes.

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

Compared to the same month of 2023, an increase is reported in the production of:

- liquefied petroleum gases - by 83.3%;
- transport diesel - by 19.7%;
- electricity - by 1.8%.

A decrease is reported in the production of:

- solid fuels - by 58.5%;
- motor gasoline - by 2.0%.

There is no change in the production of natural gas.

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Deliveries of energy products

In May 2024, compared to April 2024, an increase is reported in the deliveries of:

- motor gasoline - by 83.7% to 79 thousand tonnes;
- transport diesel - by 26.0% to 218 thousand tonnes;
- electricity - by 1.0% to 2 429 GWh.

A decrease is reported in the deliveries of:

- solid fuels - by 34.1% to 486 thousand tonnes;
- natural gas - by 0.5% to 204 million m³.

There is no change in the deliveries of liquefied petroleum gases (Annex, Table 2).

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

- motor gasoline - by 71.7%;
- natural gas - by 36.0%;
- transport diesel - by 4.8%.

A decrease is reported in the deliveries of:

- solid fuels - by 48.1%;
- liquefied petroleum gases - by 16.3%;
- electricity - by 1.8%.

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 NSI's website: www.nsi.bg, section Energy/Data.

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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 sulphur. 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.

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

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Annex

Table 1

Production of energy products

	Measure	2023								2024					Change in May 2024 (%)	
		V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	V	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	1046	793	1359	1308	1391	1966	1754	2145	1558	989	1156	681	434	-36.3	-58.5
Total petroleum products	thousand tonnes	535	543	666	691	617	648	567	567	523	543	622	663	647	-2.4	20.9
of which:																
Liquefied petroleum gases	thousand tonnes	6	8	6	8	8	7	4	3	4	5	8	11	11	0.0	83.3
Motor gasoline	thousand tonnes	149	134	169	171	150	169	151	137	146	140	144	162	146	-9.9	-2.0
Transport diesel	thousand tonnes	249	268	295	289	260	280	260	276	236	242	295	305	298	-2.3	19.7
Natural gas	million m ³	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0	0.0
Electricity	GWh	2518	2963	3355	3269	3149	2787	3111	3772	3723	3186	3306	3194	2563	-19.8	1.8

Table 2

Deliveries of energy products

	Measure	2023								2024					Change in May 2024 (%)	
		V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	V	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	936	785	1534	1362	1441	2022	1926	2247	1624	1032	1200	738	486	-34.1	-48.1
Total petroleum products	thousand tonnes	370	388	477	466	397	402	389	332	347	317	368	330	412	24.8	11.4
of which:																
Liquefied petroleum gases	thousand tonnes	43	34	52	46	44	43	35	44	39	36	39	36	36	0.0	-16.3
Motor gasoline	thousand tonnes	46	45	69	79	52	46	49	38	52	50	36	43	79	83.7	71.7
Transport diesel	thousand tonnes	208	227	265	258	218	229	238	191	207	179	215	173	218	26.0	4.8
Natural gas	million m ³	150	145	179	167	179	191	260	292	297	249	273	205	204	-0.5	36.0
Electricity	GWh	2473	2300	2657	2604	2306	2421	2874	3399	3711	2969	2974	2406	2429	1.0	-1.8

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Figure 1. Production and deliveries of solid fuels

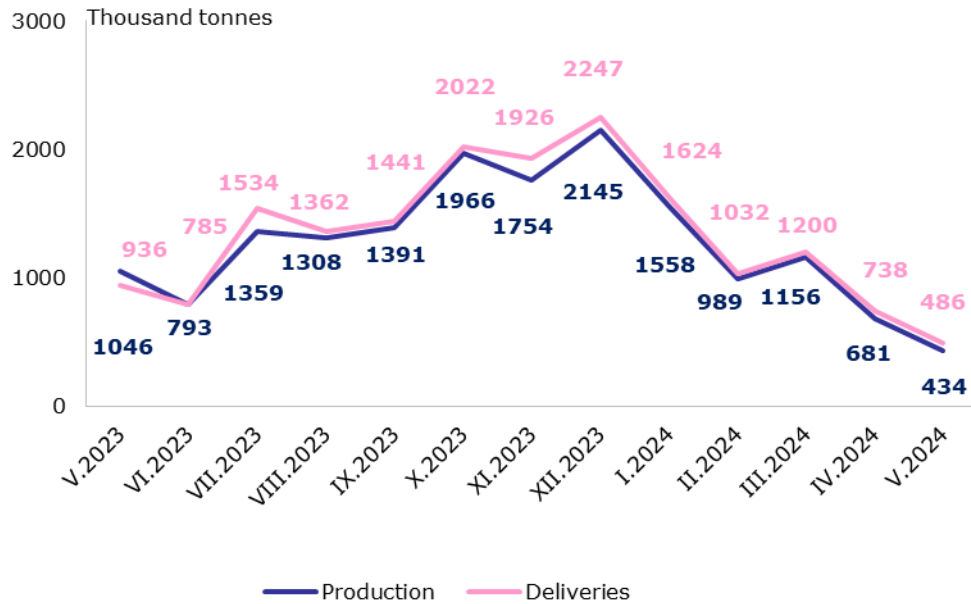
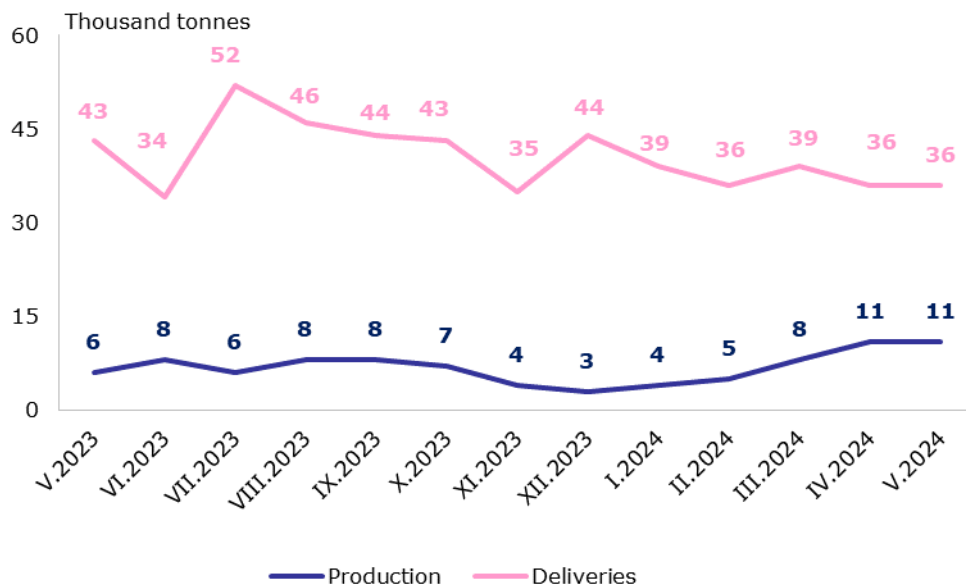


Figure 2. Production and deliveries of liquefied petroleum gases



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Figure 3. Production and deliveries of motor gasoline

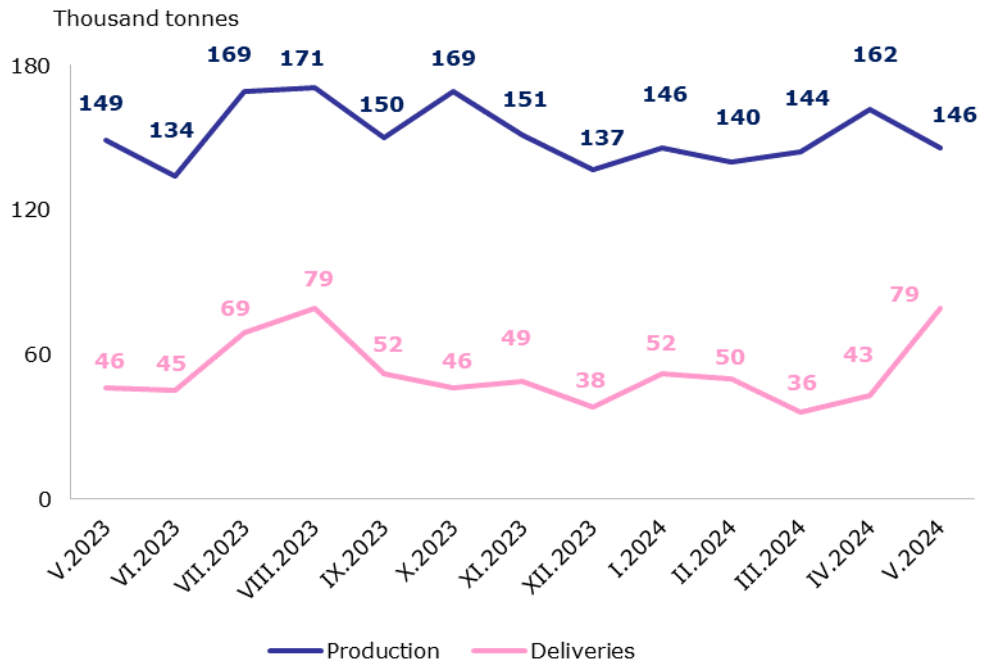
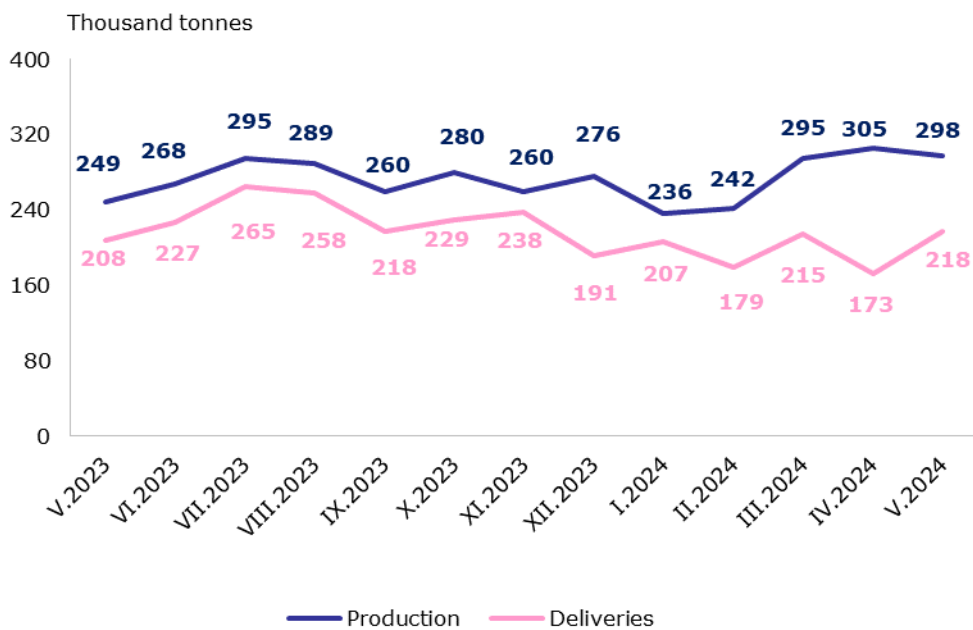


Figure 4. Production and deliveries of transport diesel



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Figure 5. Production and deliveries of natural gas

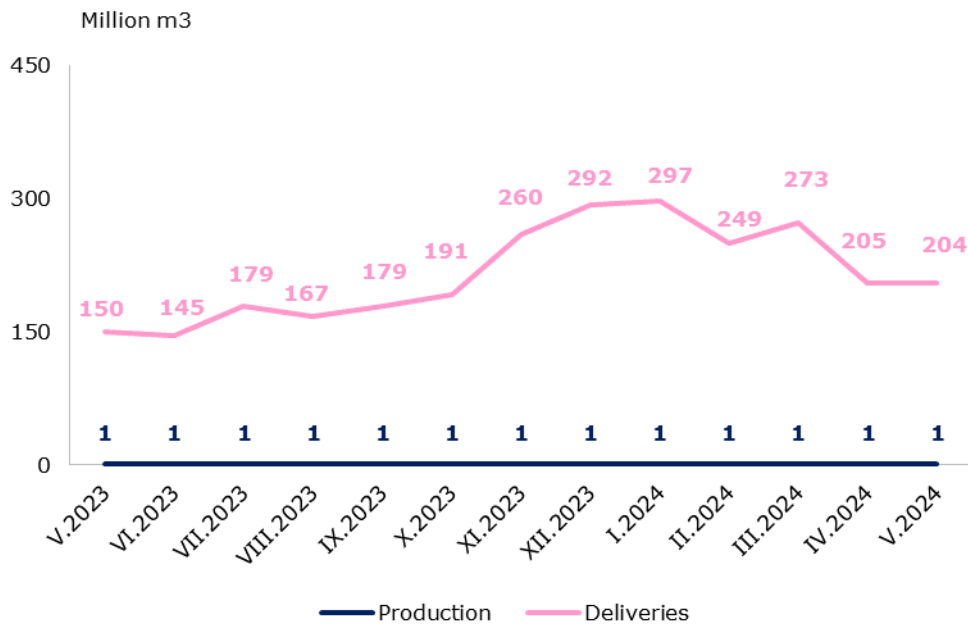


Figure 6. Production and deliveries of electricity

