



## PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, OCTOBER 2024

In October 2024, compared to September 2024, the production of energy products was decreased. The largest decrease was registered in liquefied petroleum gases - by 22.2%. There is no change only in the production of natural gas.

For the deliveries of energy products the largest increase is observed in transport diesel - by 31.9%. A decrease is registered only in solid fuels - by 11.4%.

### Production of energy products

In October 2024, compared to September 2024 a decrease was reported in the production of:

- liquefied petroleum gases - by 22.2% to 7 thousand tonnes;
- solid fuels - by 18.2% to 1 177 thousand tonnes;
- electricity - by 8.4% to 2 905 GWh;
- transport diesel - by 3.1% to 254 thousand tonnes;
- motor gasoline - by 0.8% to 123 thousand tonnes.

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

Compared to the same month of 2023, an increase is reported in the production of electricity - by 4.2%.

A decrease is reported in the production of:

- solid fuels - by 40.1%;
- motor gasoline - by 27.2%;
- transport diesel - by 9.3%.

There is no change in the production of liquefied petroleum gases and natural gas.

### Deliveries of energy products

In October 2024, compared to September 2024, an increase was reported in the deliveries of:

- transport diesel - by 31.9% to 248 thousand tonnes;
- natural gas - by 15.3% to 219 million m<sup>3</sup>;
- electricity - by 11.0% to 2 608 GWh;
- motor gasoline - by 9.8% to 56 thousand tonnes;
- liquefied petroleum gases - by 5.4% to 39 thousand tonnes.

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A decrease is reported in the deliveries of solid fuels - by 11.4% to 1 305 thousand tonnes (Annex, Table 2).

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

- motor gasoline - by 21.7%;
- natural gas - by 14.7%;
- transport diesel - by 8.3%;
- electricity - by 7.7%.

A decrease is reported in the deliveries of:

- solid fuels - by 35.5%;
- liquefied petroleum gases - by 9.3%.

### Methodological notes

The survey on energy products is conducted every month in accordance with Regulation (EU) 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](http://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.

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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 (EU) 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.

**PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, OCTOBER 2024**

**Annex**

**Table 1**

**Production of energy products**

Energy products	Measure	2023			2024										Change in October 2024 (%)	
		X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	1966	1754	2145	1558	989	1156	681	434	555	1465	1223	1439	1177	-18.2	-40.1
Total petroleum products	thousand tonnes	648	567	567	523	543	622	663	646	638	631	624	573	568	-0.9	-12.3
of which:																
Liquefied petroleum gases	thousand tonnes	7	4	3	4	5	8	11	11	12	13	13	9	7	-22.2	0.0
Motor gasoline	thousand tonnes	169	151	137	146	140	144	162	146	143	140	143	124	123	-0.8	-27.2
Transport diesel	thousand tonnes	280	260	276	236	242	295	305	298	299	299	278	262	254	-3.1	-9.3
Natural gas	million m <sup>3</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0	0.0
Electricity	GWh	2787	3111	3772	3723	3186	3306	3194	2563	2463	3500	3373	3170	2905	-8.4	4.2

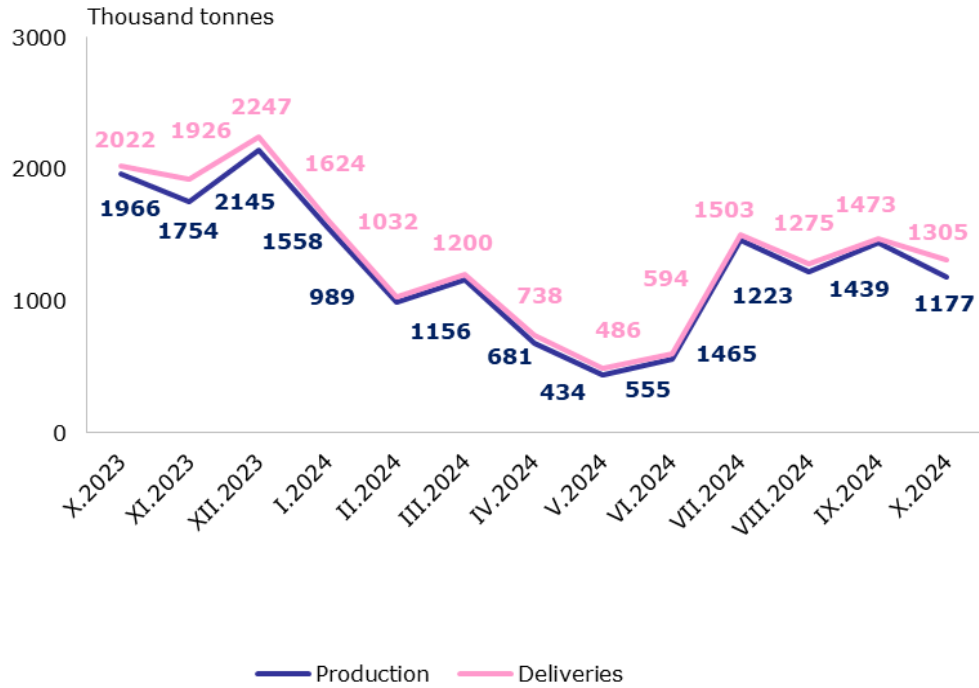
**Table 2**

**Deliveries of energy products**

Energy products	Measure	2023			2024										Change in October 2024 (%)	
		X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	2022	1926	2247	1624	1032	1200	738	486	594	1503	1275	1473	1305	-11.4	-35.5
Total petroleum products	thousand tonnes	402	389	332	347	317	368	330	382	383	451	482	372	447	20.2	11.2
of which:																
Liquefied petroleum gases	thousand tonnes	43	35	44	39	36	39	36	36	39	48	36	37	39	5.4	-9.3
Motor gasoline	thousand tonnes	46	49	38	52	50	36	43	49	58	57	70	51	56	9.8	21.7
Transport diesel	thousand tonnes	229	238	191	207	179	215	173	218	204	259	282	188	248	31.9	8.3
Natural gas	million m <sup>3</sup>	191	260	292	297	249	273	205	204	183	154	184	190	219	15.3	14.7
Electricity	GWh	2421	2874	3399	3711	2969	2974	2406	2429	2494	2762	2638	2350	2608	11.0	7.7

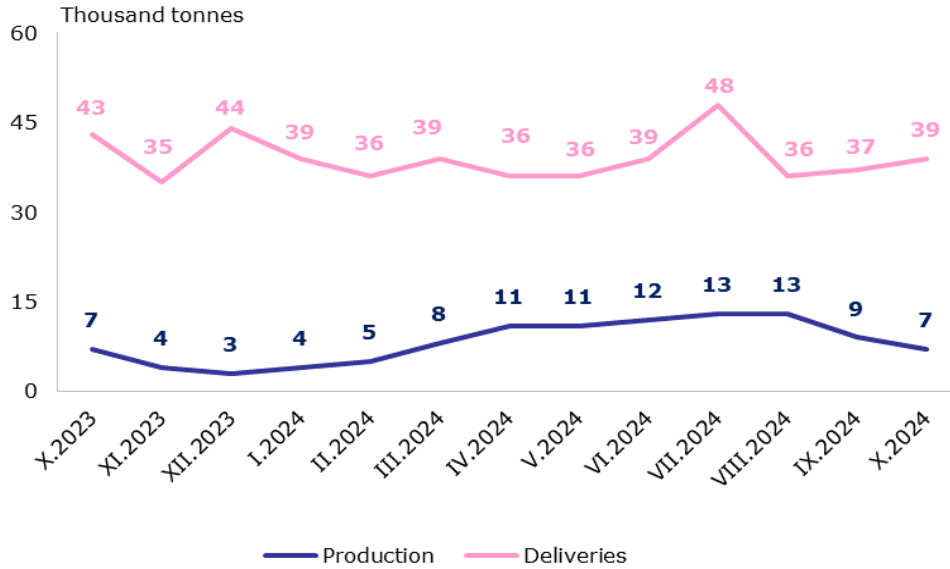
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**Figure 1. Production and deliveries of solid fuels**



**Figure 2. Production and deliveries of liquefied petroleum gases**

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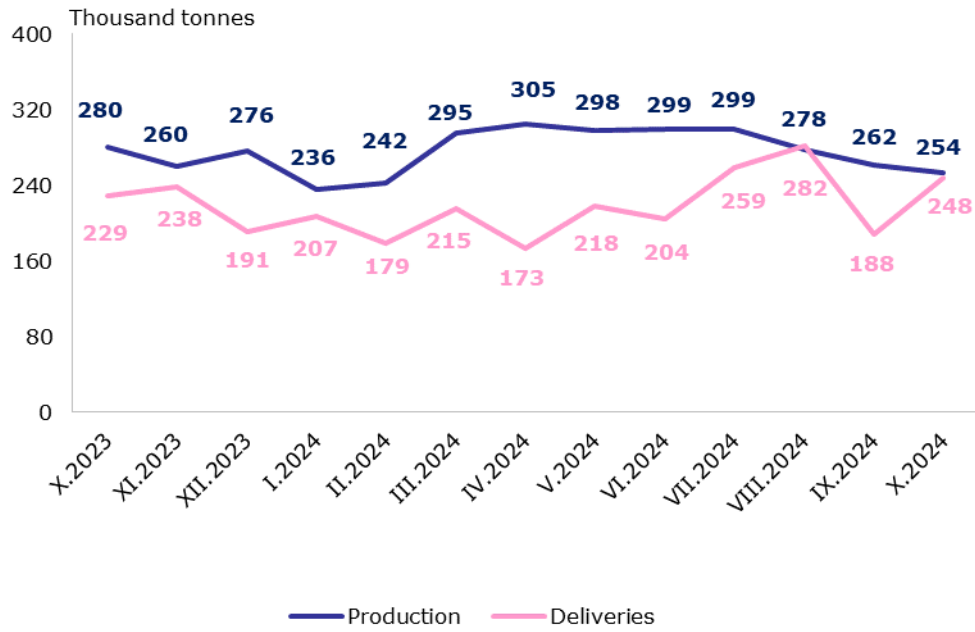


**Figure 3. Production and deliveries of motor gasoline**

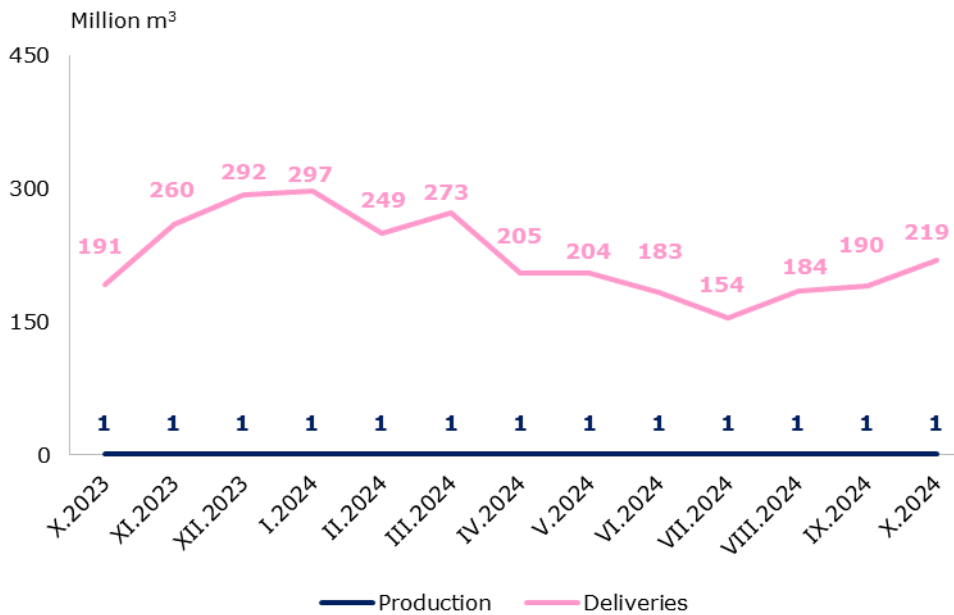


**Figure 4. Production and deliveries of transport diesel**

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**Figure 5. Production and deliveries of natural gas**



**Figure 6. Production and deliveries of electricity**

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