

## PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, DECEMBER 2021

### Production of energy products

In December 2021, compared to November 2021, an increase is reported for the production of electricity - by 13.5% to 5 013 GWh.

Production of petroleum products is gradually recovering after the planned repairs of production facilities carried out in the previous months, but still keeps its low levels compared to the usual ones:

- liquefied petroleum gases - 1 thousand tonnes;
- unleaded motor gasoline - 51 thousand tonnes;
- transport diesel - 172 thousand tonnes.

No change in the production of solid fuels and natural gas (Annex, Table 1).

In December 2021, compared to the same month of the previous year, an increase is reported for the production of:

- solid fuels - by 46.7%;
- electricity - by 28.9%.

A decrease is reported for the production of:

- liquefied petroleum gases - by 80.0%;
- unleaded motor gasoline - by 43.3%;
- transport diesel - by 11.8%;
- natural gas - by 50.0%.

### Deliveries of energy products

In December 2021, compared to November 2021, an increase is reported for the deliveries of:

- solid fuels - by 0.6% to 3 334 thousand tonnes;
- transport diesel - by 30.6% to 209 thousand tonnes;
- natural gas - by 30.0% to 368 million m<sup>3</sup>;
- electricity - by 16.8% to 3 384 GWh.

A decrease is reported for the deliveries of:

- liquefied petroleum gases - by 5.0% to 38 thousand tonnes;
- unleaded motor gasoline - by 44.7% to 26 thousand tonnes (Annex, Table 2).

In December 2021, compared to the same month of the previous year, an increase is reported for the deliveries of:

- solid fuels - by 44.3%;
- liquefied petroleum gases - by 18.8%;
- transport diesel - by 14.8%;
- electricity - by 0.2%.

A decrease is reported for the deliveries of:

- unleaded motor gasoline - by 16.1%;
- natural gas - by 4.2%.



## Methodological notes

The survey on energy products is conducted every month in accordance with Regulation (EO) 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 the energy products are the main observed indicators.

Data series can be found on the NSI 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* - quantities delivered to the internal market. They are equal to the total of the deliveries to the different types of consumers: producers' own use, main activity power stations, coking plants and patent fuel plants, industry, iron and steel industry and others.

*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.

### 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.

*Deliveries* - the sum of the net produced electricity and net import.



Annex

Table 1

Production of energy products

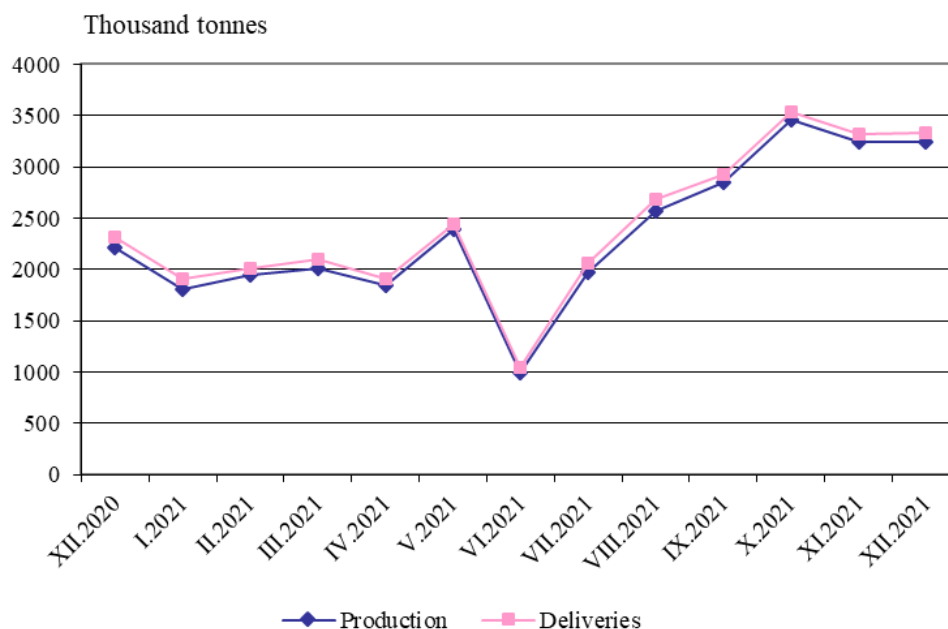
	Measure	2020	2021											
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Solid fuels	thousand tonnes	2209	1813	1947	2009	1846	2393	1000	1977	2573	2845	3463	3239	3240
Total petroleum products	thousand tonnes	379	341	358	490	342	495	470	482	531	494	71	40	346
of which:														
Liquefied petroleum gases	thousand tonnes	5	6	5	7	5	6	6	8	11	9	0	0	1
Unleaded motor gasoline	thousand tonnes	90	84	91	113	62	120	112	121	124	107	4	4	51
Transport diesel	thousand tonnes	195	169	173	251	169	246	223	211	241	211	44	29	172
Natural gas	million m <sup>3</sup>	4	4	3	3	3	2	2	2	2	2	2	2	2
Electricity	GWh	3888	4156	3759	4268	3868	3342	3225	3835	3861	4010	3930	4416	5013

Table 2

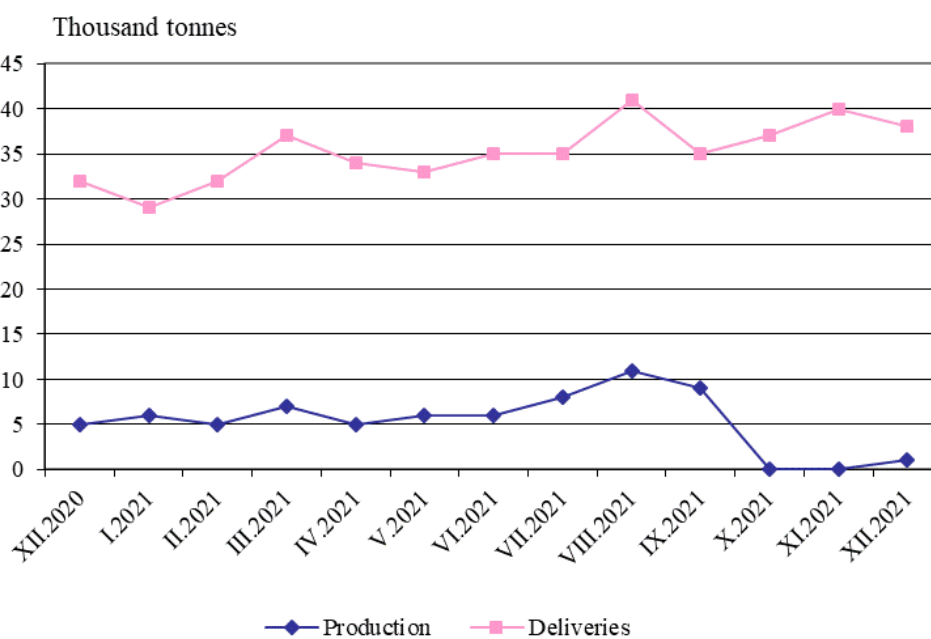
Deliveries of energy products

	Measure	2020	2021											
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Solid fuels	thousand tonnes	2310	1914	2012	2097	1915	2441	1048	2062	2686	2921	3533	3314	3334
Total petroleum products	thousand tonnes	294	264	296	318	388	347	368	421	404	394	359	323	353
of which:														
Liquefied petroleum gases	thousand tonnes	32	29	32	37	34	33	35	35	41	35	37	40	38
Unleaded motor gasoline	thousand tonnes	31	36	37	35	49	34	45	50	51	46	42	47	26
Transport diesel	thousand tonnes	182	144	162	165	217	191	191	251	239	219	195	160	209
Natural gas	million m <sup>3</sup>	384	381	347	377	294	234	230	259	196	206	239	283	368
Electricity	GWh	3378	3431	3051	3290	2825	2411	2490	2746	2729	2396	2753	2898	3384

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



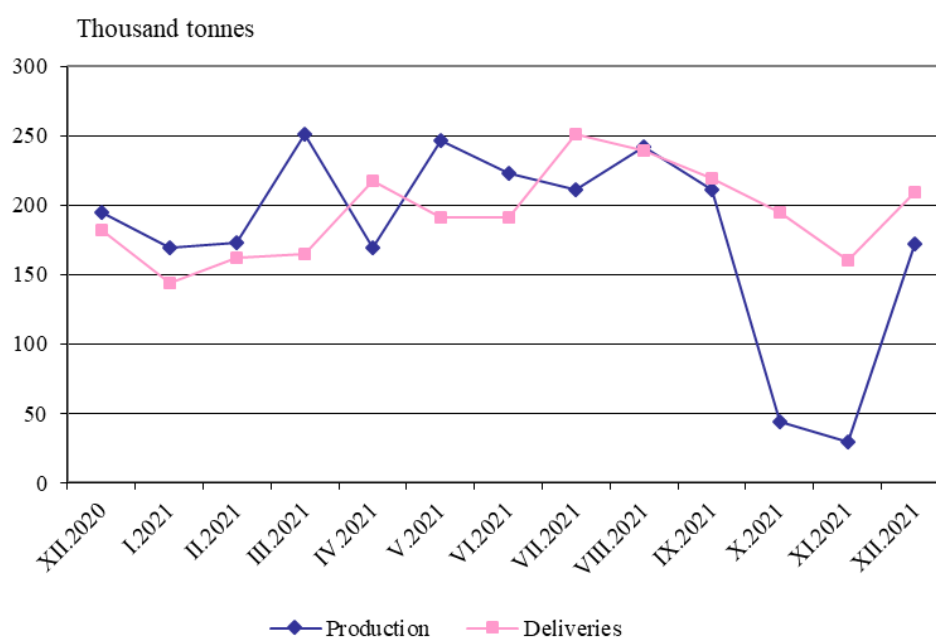
**Figure 2. Production and deliveries of liquefied petroleum gases**



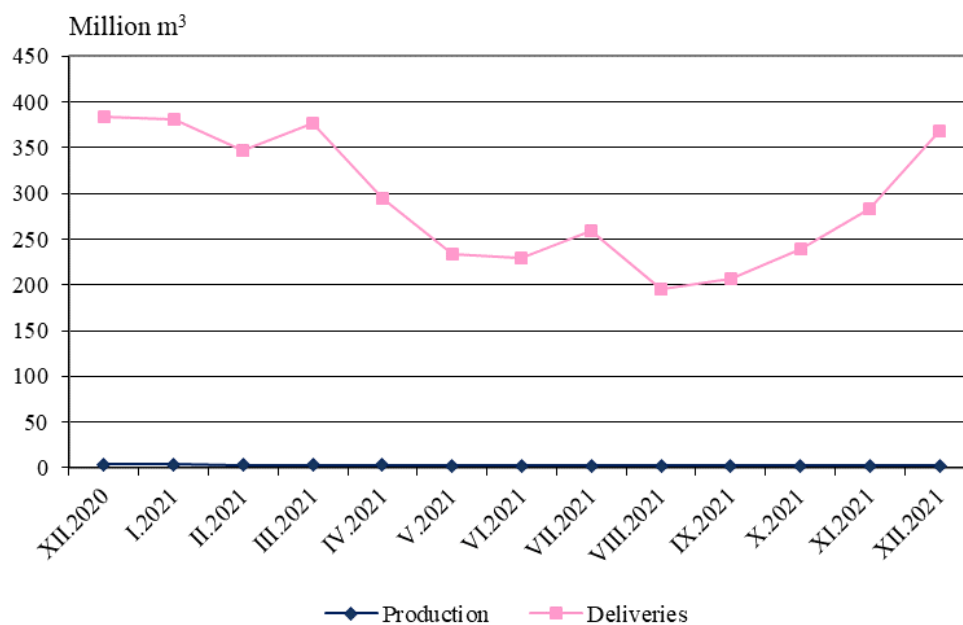
**Figure 3. Production and deliveries of unleaded motor gasoline**



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



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



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

