



## PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, DECEMBER 2016<sup>1,2</sup>

### Production of energy products

In December 2016 compared to November 2016 an increase is reported for the production of:

- solid fuels - by 1.0% to 3 502 thousand tonnes;
- liquefied petroleum gases - by 11.1% to 10 thousand tonnes;
- unleaded motor gasoline - by 7.1% to 180 thousand tonnes;
- natural gas - by 36.4% to 15 million m<sup>3</sup>;
- electricity - by 18.1% to 4 551 GWh.

A decrease is reported for the production of:

- transport diesel - by 0.7% to 275 thousand tonnes (Annex, Table 1).

In December 2016 compared to the same month of the previous year, an increase is reported for the production of:

- liquefied petroleum gases - by 25.0%;
- unleaded motor gasoline - by 15.4%;
- transport diesel - by 32.9%;
- natural gas - by 150.0%;
- electricity - by 1.7%.

A decrease is reported for the production of:

- solid fuels - by 6.3%.

### Deliveries of energy products

In December 2016 compared to November 2016 an increase is reported for the deliveries of:

- solid fuels - by 0.3% to 3 585 thousand tonnes;
- liquefied petroleum gases - by 4.8% to 44 thousand tonnes;
- unleaded motor gasoline - by 35.1% to 50 thousand tonnes;
- natural gas - by 21.3% to 405 million m<sup>3</sup>;
- electricity - by 18.7% to 3 603 GWh.

A decrease is reported for the deliveries of:

- transport diesel - by 13.0% to 168 thousand tonnes (Annex, Table 2).

<sup>1</sup> The survey on energy products is conducted every month in accordance with the Regulation (EO) No. 1099/2008 of the European Parliament and of the Council of 22 October 2008 on energy statistics, amended by the Commission Regulation (EU) No. 147/2013 of 13 February 2013 of the European Parliament and of the Council as regards the implementation of updates for the monthly and annual energy statistics. 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.

<sup>2</sup> Data series can be found on the NSI website: [www.nsi.bg](http://www.nsi.bg), section Energy/Data.



In December 2016 compared to the same month of the previous year, an increase is reported for the deliveries of:

- liquefied petroleum gases - by 15.8%;
- natural gas - by 11.3%;
- electricity - by 12.9%.

A decrease is reported for the deliveries of:

- solid fuels - by 7.1%;
- transport diesel - by 13.0%.

No change for the delivery of unleaded motor gasoline.



## Methodological notes

### Solid fuels

*Production* - includes Hard coal, Lignite and Solid fuels from coal. Producers report quantities calculated after any operation for 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.

### 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, 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. This is defined as: *Indigenous production + Imports – Exports – Stock change*.

Data are presented in million cubic metres assuming reference gas conditions 15° C and 101.325 kPa.

### Electricity

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

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

Annex

Table 1

Production of energy products

	Measure	2015	2016											
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Solid fuels	thousand tonnes	3739	3575	2843	1919	2058	2059	1934	2515	2511	2564	3528	3467	3502
Total petroleum products	thousand tonnes	558	573	591	150	628	663	669	644	592	591	636	613	632
of which:														
Liquefied petroleum gases	thousand tonnes	8	9	9	2	9	8	9	11	9	8	9	9	10
Unleaded motor gasoline	thousand tonnes	156	174	153	26	151	158	159	156	147	162	165	168	180
Transport diesel	thousand tonnes	207	225	207	70	239	262	237	240	200	245	271	277	275
Natural gas	million m <sup>3</sup>	6	8	6	6	6	7	6	6	7	8	8	11	15
Electricity	GWh	4476	4697	3706	3564	2944	3094	3427	3648	3683	3534	3648	3853	4551

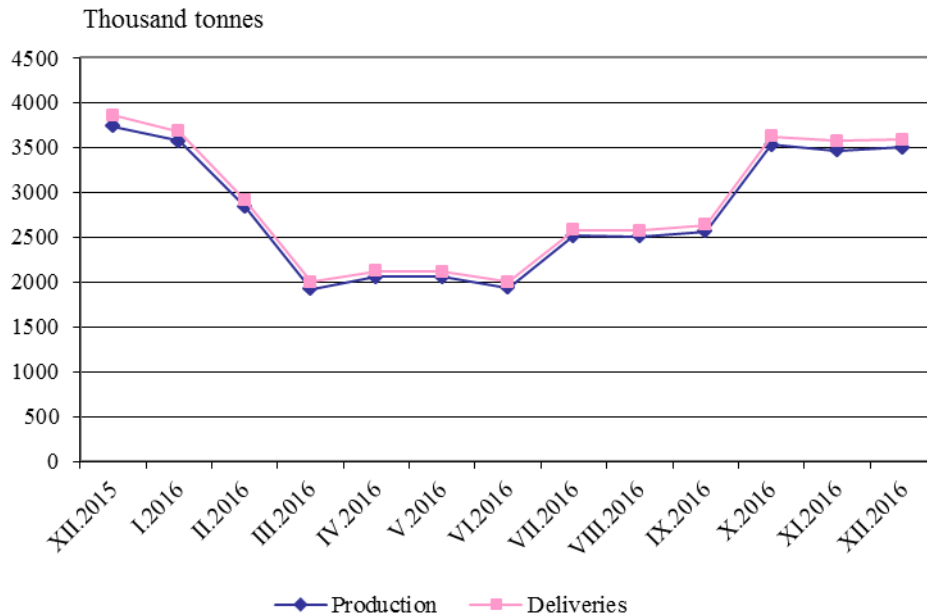
Table 2

Deliveries of energy products

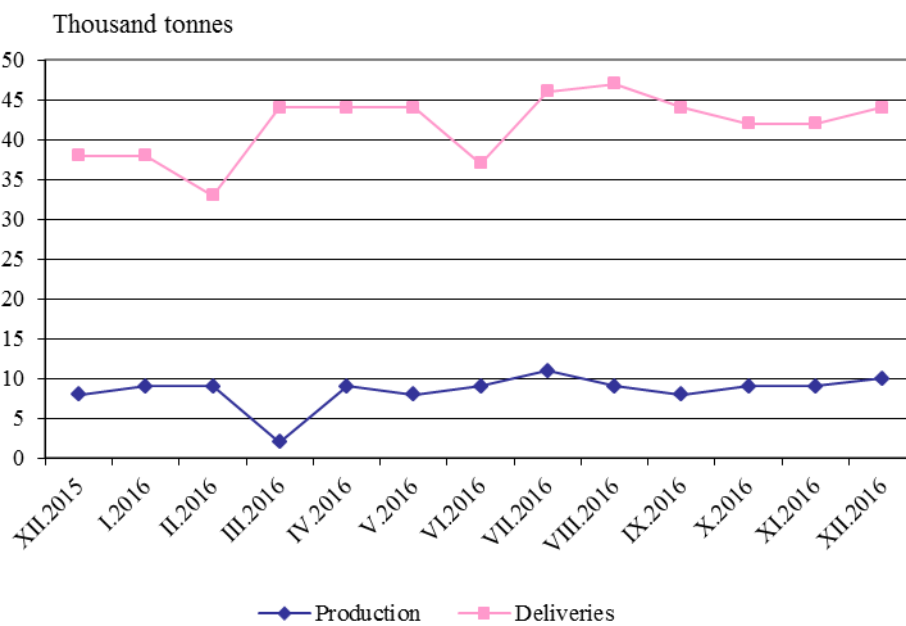
	Measure	2015	2016											
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Solid fuels	thousand tonnes	3857	3680	2918	2000	2125	2118	2002	2578	2574	2635	3620	3574	3585
Total petroleum products	thousand tonnes	341	227	220	296	319	312	286	422	377	322	325	333	308
of which:														
Liquefied petroleum gases	thousand tonnes	38	38	33	44	44	44	37	46	47	44	42	42	44
Unleaded motor gasoline	thousand tonnes	50	30	30	36	48	44	22	53	44	50	45	37	50
Transport diesel	thousand tonnes	193	110	107	153	164	154	156	243	196	153	179	193	168
Natural gas	million m <sup>3</sup>	364	408	304	296	231	230	200	163	167	198	273	334	405
Electricity	GWh	3191	3732	2974	3004	2432	2419	2388	2585	2565	2421	2750	3035	3603



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

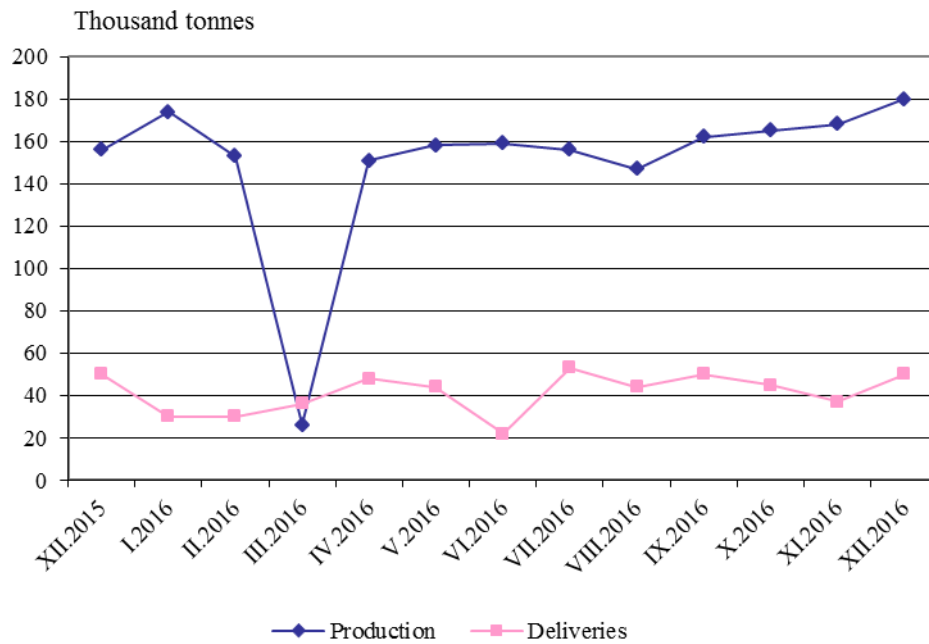


**Figure 2. Production and deliveries of liquefied petroleum gases**

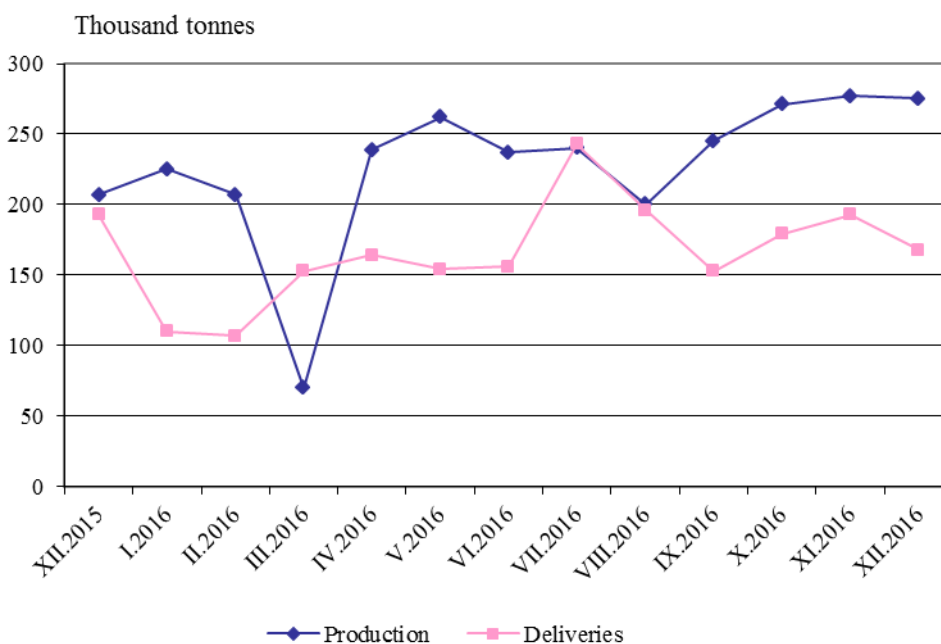




**Figure 3. Production and deliveries of unleaded motor gasoline**

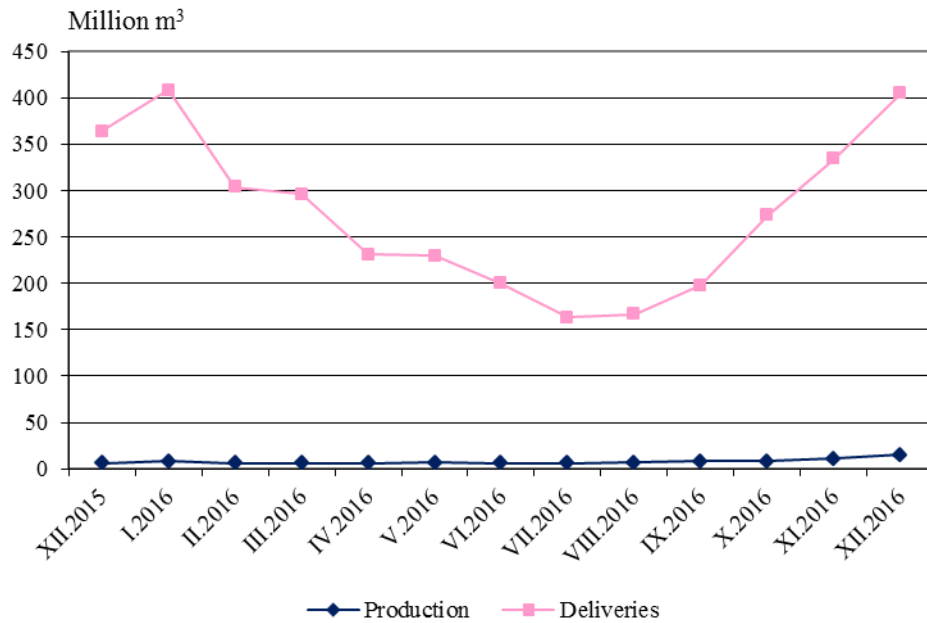


**Figure 4. Production and deliveries of transport diesel**





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



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

