

Domain: Energy

PRIMARY ENERGY RESOURCES AND ELECTRICITY BALANCE IN THE FIRST QUARTER 2018

- In the first quarter 2018, primary energy resources increased by 5.4%, while those of electricity increased by 0.5% as compared to the same period of previous year.

The main primary energy resources in Q I 2018 amounted to 8932.2 thousand tonnes oil equivalent¹ (toe), increasing with 455.3 thousand toe as against Q I 2017.

Domestic production amounted to 5403.2 thousand toe, decreasing with 31.7 thousand toe as against the same period of previous year, while imports amounted to 3529.0 thousand toe.

Main primary energy resources -provisional data-

thousand tonnes oil equivalent

	Q I 2018			Q I 2018 as against Q I 2017					
				Differences (±)			- % -		
	Total	Production	Import	Total	Production	Import	Total	Production	Import
Resources – total	8932.2	5403.2	3529.0	+455.3	-31.7	+487.0	105.4	99.4	116.0
of which:									
Net coal	1246.1	1140.6	105.5	-50.2	-69.5	+19.3	96.1	94.3	122.4
Crude oil	2944.9	827.8	2117.1	+436.8	-30.5	+467.3	117.4	96.4	128.3
Usable natural gas	2746.6	2132.2	614.4	+127.4	+51.2	+76.2	104.9	102.5	114.2
Hydroelectric energy, nuclear heat, wind and solar energy and electric energy from imports	1356.8	1302.6	54.2	+6.9	+17.1	-10.2	100.5	101.3	84.2
Petroleum products from imports	534.8	–	534.8	-33.4	–	-33.4	94.1	–	94.1

[Table data in .xls format](#)

¹ Conventional fuel with a calorific power of 10000 Kcal/Kg.

During this period, **electric energy resources** amounted to 18559.1 million kWh, increasing with 94.4 million kWh as compared to the corresponding period of 2017.

The **thermal power stations** production amounted to 8241.4 million kWh, decreasing with 84.9 million kWh (-1.0%). The **hydroelectric power stations** production was 4440.2 million kWh increasing with 668.0 million kWh (+17.7%), while the one of **nuclear power stations** was 2950.6 million kWh decreasing with 53.0 million kWh (-1.8%).

The production of **wind power stations** in Q I 2018 was 2047.4 million kWh, decreasing with 233.1 million kWh, while **photovoltaic solar energy** produced during this period was 249.0 million kWh, decreasing with 84.1 million kWh as compared to the corresponding period of 2017.

The final consumption of electric energy in Q I 2018 was 14678.1 million kWh, by 2.7% higher as against the corresponding period of 2017; public lighting decreased by 7.0%, while population consumption decreased by 9.2%.

The exports of electric energy amounted to 1831.2 million kWh decreasing with 345.3 million kWh.

The own technological consumption in networks and stations amounted to 2049.8 million kWh increasing with 56.7 million kWh.

ELECTRIC ENERGY BALANCE - provisional data-

	Q I 2018	Q I 2018 as against Q I 2017	
	Million kWh	Differences (±) - million kWh -	%
Resources – total	18559.1	+94.4	100.5
- Production	17928.6	+212.9	101.2
- classical thermal power stations	8241.4	-84.9	99.0
- hydroelectric power stations	4440.2	+668.0	117.7
- nuclear power stations	2950.6	-53.0	98.2
- wind power stations	2047.4	-233.1	89.8
- photovoltaic power stations	249.0	-84.1	74.8
- Imports	630.5	-118.5	84.2
Destinations – total	18559.1	+94.4	100.5
- Final consumption of	14678.1	+383.0	102.7
- economy	11605.2	+689.9	106.3
- public lighting	158.4	-12.0	93.0
- population	2914.5	-294.9	90.8
- Own technological consumption in networks and stations	2049.8	+56.7	102.8
- Exports	1831.2	-345.3	84.1

[Table data in .xls format](#)

Additional information:

For a correct interpretation of indicators, please see the Methodological notes attached to the press release on the homepage.

Additional information can be found in the Monthly Statistical Bulletin (date of issue May 25, 2018) and Industry Statistical Bulletin (date of issue May 18, 2018).

The next press release is to be issued on Tuesday, June 12, 2018.

Archive of press releases: <http://www.insse.ro/cms/en/comunicate-de-presa-view>

Communication Compartment

e-mail: birou presa@insse.ro

Tel: +4021 3181869