

Domain: Energy

## PRIMARY ENERGY RESOURCES INCREASED BY 0.8% IN 2016

- In 2016, both the primary energy resources and those of electricity increased by 0.8% and by 0.4%, respectively, compared to 2015.

The main primary energy resources in 2016 amounted to 33162.0 thousand tonnes oil equivalent<sup>1</sup> (toe), increasing by 253.5 thousand toe compared to 2015.

Domestic production amounted to 20479.7 thousand toe, decreasing by 1582.4 thousand toe compared to the previous year; while imports amounted to 12682.3 thousand toe.

### Main primary energy resources -provisional data-

thousands tonnes oil equivalent

	year 2016			2016 compared to 2015					
				Differences (±)			- % -		
	Total	Production	Import	Total	Production	Import	Total	Production	Import
<b>Resources – total</b>	<b>33162.0</b>	<b>20479.7</b>	<b>12682.3</b>	<b>+253.5</b>	<b>-1582.4</b>	<b>+1835.9</b>	<b>100.8</b>	<b>92.8</b>	<b>116.9</b>
of which:									
Net coal	4738.5	4217.3	521.2	-508.9	-475.7	-33.2	90.3	89.9	94.0
Crude oil	11045.8	3577.5	7468.3	+712.2	-160.6	+872.8	106.9	95.7	113.2
Usable natural gas	8672.6	7487.2	1185.4	-50.4	-1073.2	+1022.8	99.4	87.5	729.0
Hydroelectric energy, nuclear electric energy and electric energy from imports	5504.7	5197.7	307.0	+109.4	+127.1	-17.7	102.0	102.5	94.5
Petroleum products from imports	2691.8	–	2691.8	-14.9	–	-14.9	99.4	–	99.4

[Table data in xls format](#)

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

In 2016, **electric energy resources** amounted to 69691.8 million KWh, increasing by 257.5 million KWh compared to 2015.

The **thermal power stations** production amounted to 26567.7 million KWh decreasing by 1671.0 million KWh (-5.9%). The **hydroelectric power stations** production was 19698.1 million KWh increasing by 3011.6 million KWh (+18.0%), while the one of **nuclear power stations** was 11285.9 million KWh decreasing by 353.9 million KWh (-3.0%).

The production of **wind power stations** in 2016 was 6725.2 million KWh, decreasing by 380.8 million KWh compared to 2015, while **photovoltaic solar energy** produced during this period was 1844.7 million KWh, decreasing by 142.8 million KWh compared to 2015.

**The final consumption of electric energy** during this period was 54840.4 million KWh, by 4.2% higher compared to 2015; public lighting decreased by 1.1%, while population consumption increased by 0.3%.

**The exports of electric energy** amounted to 8587.3 million KWh decreasing by 1916.4 million KWh.

**The own technological consumption in networks and stations** amounted to 6264.1 million KWh decreasing by 40.2 million KWh.

### ELECTRIC ENERGY BALANCE - provisional data -

	year 2016	2016 compared to 2015	
	Million KWh	Difference (±) - million kWh -	%
<b>Resources – total</b>	<b>69691.8</b>	<b>+257.5</b>	<b>100.4</b>
- Production	66121.6	+463.1	100.7
- classical thermal power stations	26567.7	-1671.0	94.1
- hydroelectric power stations	19698.1	+3011.6	118.0
- nuclear power stations	11285.9	-353.9	97.0
- wind power stations	6725.2	-380.8	94.6
- photovoltaic power stations	1844.7	-142.8	92.8
- Imports	3570.2	-205.6	94.6
<b>Destinations – total</b>	<b>69691.8</b>	<b>+257.5</b>	<b>100.4</b>
- Final consumption of	54840.4	+2214.1	104.2
- economy	42178.9	+2179.7	105.4
- public lighting	594.8	-6.5	98.9
- population	12066.7	+40.9	100.3
- Own technological consumption in networks and stations	6264.1	-40.2	99.4
- Exports	8587.3	-1916.4	81.8

[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 February 27, 2017) and Industry Statistical Bulletin (date of issue February 20, 2017)

The next press release is to be issued on Monday, March 13, 2017.

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

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