

No. 266/ October 11, 2016

**Domain: Energy** 

# PRIMARY ENERGY RESOURCES DECREASED BY 0.9% DURING 1.I-31.VIII.2016

• During 1.I-31.VIII.2016, primary energy resources decreased by 0.9%, while those of electricity remained at the same level as during the corresponding period of the previous year.

The main primary energy resources during 1.I-31.VIII.2016 amounted to 21637.2 thousand tonnes oil equivalent<sup>1</sup> (toe), decreasing with 197.9 thousand toe as against 1.I-31.VIII.2015.

Domestic production amounted to 13493.8 thousand toe, decreasing with 1168.5 thousand toe as against the same period of the previous year, while imports amounted to 8143.4 thousand toe.

# Main primary energy resources - provisional data -

thousand tonnes oil equivalent

	1.I-31.VIII.2016			1.I-31.VIII.2016 as against 1.I-31.VIII.2015					
	1 31.111.2010		Differences (±)			- % -			
	Total	Production	Import	Total	Production	Import	Total	Production	Import
Resources – total	21637.2	13493.8	8143.4	-197.9	-1168.5	+970.6	99.1	92.0	113.5
of which:									
Net coal	2981.7	2652.3	329.4	-379.9	-345.5	-34.4	88.7	88.5	90.5
Crude oil	7649.4	2408.1	5241.3	+529.6	-113.7	+643.3	107.4	95.5	114.0
Usable natural gas Hydroelectric	5279.1	4962.5	316.6	-494.1	-743.6	+249.5	91.4	87.0	471.8
energy, nuclear-electric energy and electric energy from imports	3687.9	3470.9	217.0	+35.0	+34.3	+0.7	101.0	101.0	100.3
Petroleum products from imports	1695.2	_	1695.2	+82.9	-	+82.9	105.1	-	105.1

Table data in .xls format

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<sup>&</sup>lt;sup>1</sup> Conventional fuel with a calorific power of 10000 kcal/kg

During this period, **electric energy resources** amounted to 45903.7 million kWh, increasing with 22.1 million kWh (+2.8%) as compared to the same period of 2015.

The **thermal power stations** production amounted to 16481.0 million kWh, decreasing with 939.9 million kWh (-5.4%). The **hydroelectric power stations** production was 14012.4 million kWh, increasing with 1879.5 million kWh (+15.5%), while the one of **nuclear power stations** was 7273.3 million kWh, decreasing with 300.0 million kWh (-4.0%).

The production of **wind power stations** during 1.I-31.VIII.2016 was 4187.2 million kWh, decreasing with 541.6 million kWh, while the **photovoltaic solar energy** produced during this period was 1426.8 million kWh, decreasing with 83.4 million kWh as compared to the corresponding period of 2015.

The final consumption of electric energy during this period was 36514.8 million kWh, 4.3% higher as against the same period of 2015; public lighting decreased by 1.3%, while population consumption increased by 1.1%. The exports of electric energy amounted to 5492.2 million kWh, decreasing with 1227.7 million kWh.

The own technological consumption in networks and stations amounted to 3896.7 million kWh, decreasing with 248.2 million kWh.

#### **ELECTRIC ENERGY BALANCE**

#### - provisional data -

	1 1 21 1/11 2016	1.I-31.VIII.2016			
	1.I-31.VIII.2016	as against 1.I-31.VIII.2015			
		Differences (±)			
	Million kWh	- million kWh -	%		
Resources – total	45903.7	+22.1	100.0		
- Production	43380.7	+14.6	100.0		
- classic thermal power stations	16481.0	-939.9	94.6		
- hydroelectric power stations	14012.4	+1879.5	115.5		
- nuclear power stations	7273.3	-300.0	96.0		
- wind power stations	4187.2	-541.6	88.5		
- photovoltaic power stations	1426.8	-83.4	94.5		
- Imports	2523.0	+7.5	100.3		
Destinations – total	45903.7	+22.1	100.0		
- Final consumption of	36514.8	+1498.0	104.3		
- economy	28139.6	+1415.3	105.3		
- public lighting	382.5	-5.0	98.7		
- population	7992.7	+87.7	101.1		
- Own technological consumption in networks	3896.7	-248.2	94.0		
and stations					
- Exports	5492.2	-1227.7	81.7		

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 October 27, 2016) and the Industry Statistical Bulletin (date of issue October 19, 2016).

The next press release is to be issued on Friday, November 11, 2016.

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

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