

PRESS RELEASE
No. 37 of February 11, 2015

For a correct interpretation of results, please read the methodological notes from page 3 of this press release

Energy resources in 2014
- provisional data -

In 2014, the primary energy resources increased by 2.4%, while those of electric energy increased by 7.8 %,as against 2013.

The main primary energy resources in 2014, amounted to 32173.4¹ thousand tonnes oil equivalent² (toe), increasing by 744.0 thousand toe as against to 2013.

Domestic production amounted to 21922.4 thousand toe, increasing by 0.7% as against to 2013, while imports amounted to 10251.0 thousand toe, increasing by 6.1%.

Main primary energy resources

thousand tonnes oil equivalent

	Year 2014			Year 2014 as against Year 2013					
				Differences (±)			- % -		
	Total	Production	Import	Total	Production	Import	Total	Production	Import
Resources – total	32173.4	21922.4	10251.0	+744.0	+151.7	+592.3	102.4	100.7	106.1
of which:									
Net coal	4945.8	4445.3	500.5	-359.4	-266.7	-92.7	93.2	94.3	84.4
Crude oil	10515.7	3788.3	6727.4	+1349.4	-79.0	+1428.4	114.7	98.0	127.0
Usable natural gas	9122.5	8675.1	447.4	-640.2	+73.9	-714.1	93.4	100.9	38.5
Hydroelectric energy, Nuclear-electric, wind and sun energy and electric energy from imports	5074.0	5013.7	60.3	+445.1	+423.5	+21.6	109.6	109.2	155.8
Petroleum products from imports	2051.5	-	2051.5	-63.7	-	-63.7	97.0	-	97.0

¹ Stocks existing at the beginning of the year are not included.

² Conventional fuel with a calorific power of 10000 Kcal/Kg.

In 2014, **electric energy resources** amounted to 63985.3 million KWh, increasing by 4627.8 million KWh (+7.8%) as against 2013. The increase of electric energy resources was mainly due to increased domestic production, of 4377.3 million KWh (+7.4%).

The **thermal power stations** production amounted to 26592.7 million KWh decreasing by 442.2 million KWh (-1.6 %). The **hydroelectric power stations** production was 18997.5 million KWh increasing by 3853.0 million KWh (+25.4%), while the production of **nuclear power stations** was 11675.6 million KWh increasing by 57.2 million KWh (+0.5%).

The production of **wind power stations** in 2014 was 4723.6 million KWh increasing by 34.4 million KWh and **photovoltaic solar energy** was 1295.3 million KWh increasing by 874.9 million KWh, as against 2013.

The final consumption of electric energy in national economy in 2014 was 49246.0 million KWh, by 1.9% lower as against 2013; public lighting decreased by 21.2%, while population consumption decreased by 0.6%.

The exports of electric energy amounted to 8189.6 million KWh increasing by 5723.7 million KWh.

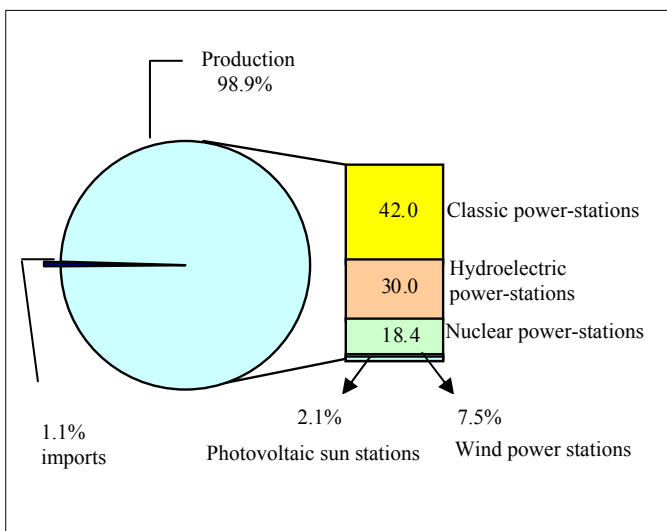
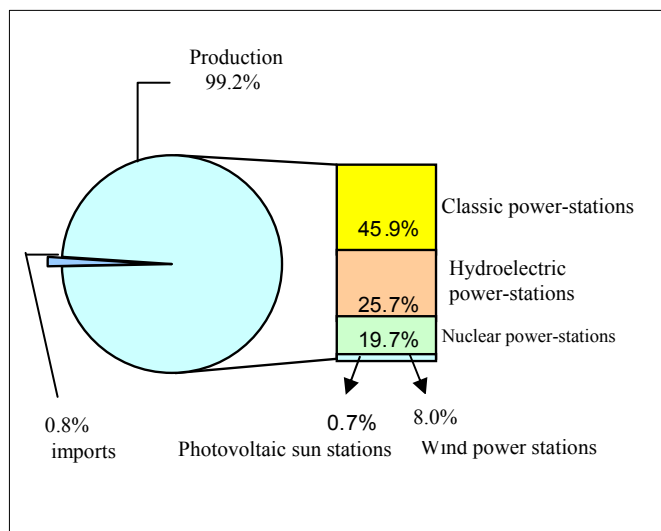
The own technological consumption in networks and stations amounted to 6549.7 million KWh decreasing by 138.4 million KWh, by 2.1%, respectively.

Electric energy in 2014 as against to 2013

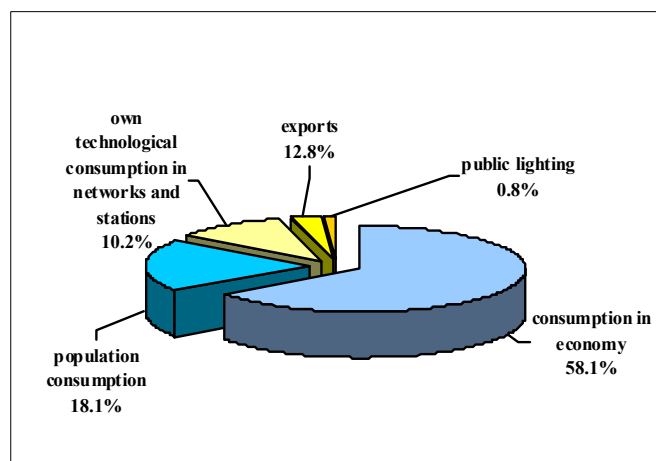
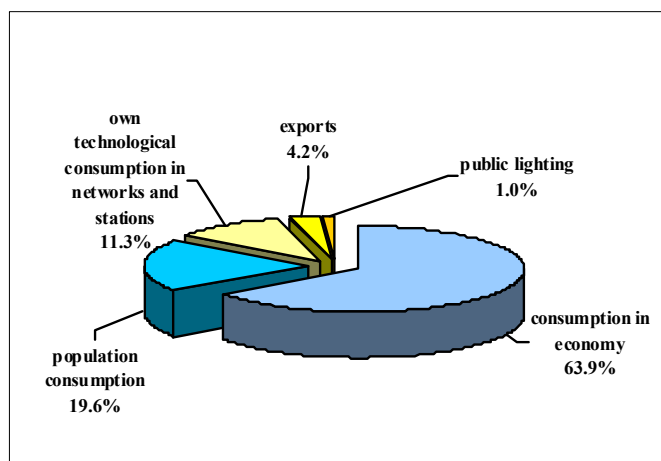
- resources -

2013

2014



- destinations -



METHODOLOGICAL NOTES

1. **Data source** for production is the Monthly statistical survey on short term indicators in industry (IND TS) and Monthly statistical survey on the production of electric and thermal energy (IND E), in compliance with Council Regulation no. 1165/1998, the Regulation of the European Parliament and of the Council no. 1158/2005 and European Commission Regulation no. 1503/2006 on short-term statistics.

The electric energy balance is drawn up based on the data concerning the production and the consumption in economy, as well as on those supplied by C.N. TRANSELECTRICA S.A. and by commercial companies distributing the electric energy concerning the electric energy consumption for public lighting, population consumption and own technological consumption in networks and stations.

2. **The statistical survey IND TS** is based on sampling. The sampling type in use and the way of sample taking over is the one of stratified sampling, with simple random selection, without recurrence within each stratum, where the stratification variables are the economic activity and the size class of the enterprise, depending on the employees' number. Due to the need of results comparability by group of homogeneous activities and at enterprise level from one period to another, the category of economic operators with high economic potential (50 employees or more) is exhaustively surveyed. The basis of sample selection ensures a representativeness calculated based on turnover 99% of total number of active units for the activities of coal mining and preparation and for hydrocarbons extraction and annex services and of over 99% for the activities of crude oil processing, coal coking and nuclear fuels treatment and of electric energy production. Data are collected from about 150 economic operators carrying out primary and transformed energy production. The maximum admissible error of estimations is $\pm 3\%$.

The statistical survey IND E is exhaustive.

3. **Data on international trade in goods** are obtained as follows:

- for the extra-community trade from General Directorate of Customs (GDC) within the National Agency for Fiscal Administration which carries out exports and imports custom declarations collection and processing (Extrastat Statistical System);
- for those related to intra-community trade, based on Intrastat statistical declarations collected by NIS from economic operators which performed intra-community exchanges of goods (in compliance with Law No. 422/2006) and based on custom declaration related to intra-community commercial exchanges supplied by GDC (Intrastat Statistical System);
- for electricity and natural gas, quantitative data are provided by network operators (CN Transelectrica SA and SNTGN Transgaz SA);

In the import and export are not included physical quantity of electricity passing through the national territory.

4. **Data for the current period are provisional and could be further revised** based on rectifications retroactively done by the economic operators included in the sample.

Additional information can be found in the statistical publication Monthly Statistical Bulletin, date of issue February 19, 2015

The next press release is to be issued on Wednesday, March 11, 2015

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