

METHODOLOGICAL NOTES

1. **Data source** for the production of electricity in classic power stations (including biomass) and hydro-power stations 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 production of electricity in wind power stations and photovoltaic sun stations is provided by the C.N. TRANSELECTRICA S.A.

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.