

## 14. ENERGY

Information from the energy sector on the operation of the Czech electricity grid is published regularly by the **Energy Regulatory Office** ([www.eru.cz](http://www.eru.cz)). Basic data (installed capacity, production and consumption of electricity) are published in the Yearly Report on the Operation of the Czech Electricity Grid, which is published by the Energy Regulatory Office based on the Section 17, paragraph 7(m) of the Act No. 458/2000 Sb., on Business Conditions and Public Administration in the Energy Sectors and on amendment to other laws (the Energy Act), as amended. Data published in the Yearly Report come from producers of electricity, electricity distributors, and electricity traders.

**Installed capacity** of electricity sets is a sum of rated outputs of individual electricity sets (blocks) as at the last day of the reference period. It is the highest theoretical active output of a set.

**Gross electricity production** is the total electricity production at generator terminals. **Net electricity production** is the difference between total electricity production and own consumption of electricity for electricity production.

**Consumption of electricity** is published by the Energy Regulatory Office since 2014 **in the net value**, which is the gross consumption of electricity reduced by own consumption of electricity for electricity production, network losses, and consumption for pumping at pumped storage plants. During the previous years, consumption of electricity was published only as the gross consumption (the sum of the total gross electricity production and the balance of the Czech electricity grid).

**Balance of the Czech electricity grid (net balance of cross-border electricity exchanges)** is the difference between total import of electricity and total export of electricity in the given period. A positive value means that import of electricity prevails over the export, while a negative value means that the export prevails over the import.