

14. ENERGY

Information on the operation of the Czech electricity and gas grid is published regularly by the **Energy Regulatory Office** (www.ero.cz/en/). Basic data are published in the Yearly report on the operation of the Czech electricity grid and in the Yearly report on the operation of the Czech gas grid, which are 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 amending certain acts** (the Energy Act), as amended. Data on the electric power industry come directly from producers of electricity, distribution system and transmission system operators, data on renewable sources from the OTE, a.s. company. Data on the consumption of natural gas are processed by the Energy Regulatory Office from producers, operators of gas storage facilities, the transmission system operator, distribution system operators, natural gas traders, and the market operator OTE, a.s. company. All data are based on source materials from licensed entities.

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 the total electricity production and own consumption for the production of electricity.

Consumption of electricity is published by the Energy Regulatory Office since 2014 as **the net consumption of electricity**, which is the consumption of electricity at the supply points of regional distribution system operators plus consumption of entities directly connected to the respective generating plant. In the previous years, it published consumption of electricity only as **the gross consumption of electricity** (the sum of the net consumption of electricity, own consumption for the production of electricity, consumption for pumping at pumped storage plants, and network losses).

Consumption of natural gas is the volume of natural gas supplied to end customers. It does not include own consumption of natural gas during distribution, losses, an accumulation change in distribution systems, own consumption of natural gas producers at natural gas mining, and natural gas to drive compressors in compression stations in the transmission system; those values cannot be broken down by Region.

The **number of compressed natural gas (CNG) filling stations** and consumption of CNG have been measured separately since 2017. In the previous years, the data were included in other consumption categories.