

According to the data published by the National Institute for Statistics (INS), electricity consumption in Romania in the first ten months of 2021 amounted to 46.13 TWh, which is 5.3 % more compared to the same period in 2020.

The data show that industrial electricity consumption reached 34.27 TWh, which is 4.6 % more compared to the same period last year. On the other hand, household electricity consumption amounted to 11.43 TWh, which is a 7.4 % increase. Public lighting consumption rose by 2.6 % amounting to some 428.2 GWh.

Total electricity production reached 49.11 TWh in the first ten months of the year, which is 7.2 % more compared to the same period in 2020. Production in thermal power plants increased by 11.4 % and reached 18 TWh. Production in hydropower plants increased by 17.5 % to 15.14 TWh, while electricity production in nuclear power plant Cernavoda decreased by 1.7 % to 9.24 TWh. Production of wind power dropped by 10.9 % compared to the same period of 2020, reaching 5.15 TWh. Solar power production reached 1.58 TWh, 1 % less compared to the ten nine months of 2020.

Electricity exports in January-October 2021 amounted to 5 TWh, which is by 22.2 % more compared to the same period in 2020. At the same time electricity imports increased by 1.9 % and amounted to 6.42 TWh.

Total production of primary energy resources in the first ten months of 2021 amounted to 15,441 million tons of oil equivalent, which is 2.9 % more than in 2020. Coal production reached 2,689 million tons of oil equivalent (+ 18.6 %), oil production reached 2,599 million tons of oil equivalent (- 4.2 %), while production of natural gas reached 6,006 million tons of oil equivalent (+ 0.4 %).