

According to the data published by the National Institute for Statistics (INS), electricity consumption in Romania in the first nine months of 2021 amounted to 41.47 TWh, which is 5.6 % more compared to the same period in 2020.

The data show that industrial electricity consumption reached 30.77 TWh, which is 5 % more compared to the same period last year. On the other hand, household electricity consumption amounted to 10.31 TWh, which is a 7.7 % increase. Public lighting consumption rose by 0.1 % amounting to some 383.2 GWh.

Total electricity production reached 44.55 TWh in the first nine months of the year, which is 7.8 % more compared to the same period in 2020. Production in thermal power plants increased by 9.6 % and reached 16.09 TWh. Production in hydropower plants increased by 22.6 % to 14.19 TWh, while electricity production in nuclear power plant Cernavoda decreased by 1.3 % to 8.24 TWh. Production of wind power dropped by 12.8 % compared to the same period of 2020, reaching 4.57 TWh. Solar power production reached 1.45 TWh, 2.1 % less compared to the first nine months of 2020.

Electricity exports in January-September 2021 amounted to 4.69 TWh, which is by 27.6 % more compared to the same period in 2020. At the same time electricity imports increased by 4.2 % and amounted to 5.64 TWh.

Total production of primary energy resources in the first nine months of 2021 amounted to 13,904 million tons of oil equivalent, which is 3.8 % more than in 2020. Coal production reached 2,404 million tons of oil equivalent (+ 20.8 %), oil production reached 2,339 million tons of oil equivalent (- 4.4 %), while production of natural gas reached 5,403 million tons of oil equivalent (+ 1.2 %).