



Electricity consumption belgium

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How much energy does Belgium use per year?

of electric energy per year. Per capita this is an average of 6,285 kWh. Belgium could be self-sufficient with domestically produced energy. The total production of all electric energy producing facilities is 77 bn kWh, which is 104 percent of the country's own usage. Despite this, Belgium trades energy with foreign countries.

Which sector consumes the most electricity in Belgium?

The industrial sector accounts for 45% of the country's electricity consumption, compared to 27% for services and 21% for the residential sector (2024). Graph: ELECTRICITY CONSUMPTION BREAKDOWN BY SECTOR (2024, %) Source: Belgium energy report Source: Global Energy & CO 2 data

Where does Belgium's electricity come from?

More than half of Belgium's electricity comes from low-carbon energy sources, which include nuclear, wind, and solar power. Nuclear energy alone contributes to almost a third of the electricity mix, standing at approximately 29%.

Which sector consumes the most gas in Belgium?

Graph: NATURAL GAS CONSUMPTION (bcm) Buildings (residential and services sector) accounted for 40% of total gas consumption; the remaining amount is mainly consumed in industry (37%) and in electricity production (17%) (2024). Source: Belgium energy report Source: Global Energy & CO 2 data

Energy budget, consumption and production capacities in Belgium, including a comparison with the USA. CO2 emissions, share of renewable energies

How much energy does Belgium consume each year? How much total energy -- combining electricity, transport and heat -- does the country consume each year? This interactive chart shows primary ...

Belgium has made clear progress in increasing competition in the electricity and natural gas markets. It has reduced the use of fossil fuels and increased the share of renewable energy. The country's ...

Belgium Total Energy Consumption Belgium Crude Oil Production Belgium Oil Products Consumption Belgium Natural Gas Consumption Belgium Coal Consumption Belgium Power

Electricity consumption belgium

ConsumptionBelgium Renewable in % Electricity ProductionBelgium CO2 Fuel Combustion/Co2 EmissionsElectricity consumption has decreased by 6%/year since 2021, reaching 62 TWh in 2023. It remained roughly stable between 2010 and 2018, at around 83 TWh/year, and decreased by 1.6%/year until 2020. Graph: ELECTRICITY CONSUMPTION (TWh) The industrial sector accounts for 48% of the country"s electricity consumption, compared to 25% for services and 2...See more on enerdata Our World in DataBelgium - Energy Country Profile - Our World in DataHow much energy does Belgium consume each year? How much total energy -- combining electricity, transport and heat -- does the country consume each year? This interactive chart shows primary ...

In the services sector, the energy consumption per employee dropped by 27% since 2010 (likely driven by a decrease in consumption for space heating), while the electricity consumption per employee ...

Electricity production in Belgium reached 87.9 terawatt-hours (TWh) in 2020, with nuclear power (39%), natural gas (30%), and wind (15%) as the primary sources. Additional contributions came from ...

Total energy consumption per capita is 43% higher than the EU average, at 4.0 toe in 2023. Electricity consumption per capita is 16% above the EU average and amounted to around 6 200 kWh in 2023.

Belgium: Electricity consumption, billion kilowatthours: The latest value from 2023 is 74.54 billion kilowatthours, a decline from 82.23 billion kilowatthours in 2022. In comparison, the world average is ...

Energie Commune has published its annual report, shedding important light on developments in the Belgian energy sector . In 2024, the country "s electricity consumption reached ...

The energy sector in Belgium is shaped by the policies of its national and regional governments, as well as the European Union.

In the year 2025, the state of electricity consumption in Belgium presents a promising picture of energy transformation toward more sustainable sources. More than half of Belgium"s electricity comes from ...

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