

Annual power generation of Youfeng

Should China increase the share of electrical power in end-use energy?

Increasing the share of electrical power in end-use energy will be necessary to meet China's targets for global carbon emission reduction in all sectors, and a reduction in the power generation effect is not desirable.

How often do you update your yearly electricity data?

Our yearly electricity data is kept up to date throughout the year and is regularly amended with the latest available data. The data is updated twice a month with an update in the first week of the month followed by a second update in the third week of the month. Note: monthly electricity data can be found [here](#).

How much energy will COP26 produce in 2050?

The International Renewable Energy Agency points out that according to the scenarios announced at COP26, global CO₂ emission is estimated to reach 37.5 Gt in 2030; to reach the 1.5 °C target, half of the total energy consumption in 2050 will need to come from electricity, 90% of which will be based on renewable energy sources.

How did global power generation grow in 2023?

Global power generation rose by 2.6% in 2023, in line with its historical trend (+2.5%/year over 2010-2019). Global power generation returned to its average growth rate in 2023 (+2.6%), in line with the 2010-2019 average. Most of the increase occurred in the BRICS (+6%), which together accounted for 45% of the global power generation.

How much power will the world produce by 2030?

By 2030, the installed power generation of wind power, photovoltaic power, hydropower, and thermal power is expected to account for proportions of approximately 0.24, 0.31, 0.13, and 0.32, respectively, and the proportion of clean energy is expected to increase significantly.

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