

# Electricity production from renewable sources

Most electricity is generated with steam turbines that use fossil fuels, nuclear, biomass, geothermal, or solar thermal energy. Other major electricity generation technologies include gas ...

Renewable electricity generation by source and country in 2023 [1] This is a list of countries and dependencies by electricity generation from renewable sources.

After a 3% drop in global hydropower generation in 2023 due to climate change and El Niño, hydropower generation recovered in many countries, and new solar and wind installations ...

Data on renewable power capacity represents the maximum net generating capacity of power plants and other installations that use renewable energy sources to produce electricity.

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...

Electricity production from renewable sources, excluding hydroelectric (% of total) from The World Bank: Data

The chart below shows the percentage of global electricity production that comes from nuclear or renewable energy, such as solar, wind, hydropower, wind and tidal, and some biomass.

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Find statistics on renewable energy consumption by source type, electric capacity and electricity generation from renewable sources, biomass and alternative fuels.

Clean energy continues to dominate new power capacity. For example, in 2024, more than 90% of all new electricity capacity worldwide came from renewable sources such as solar, wind, ...

While energy is essential to modern society, most primary sources are non-renewable. The current fuel mix causes multiple environmental impacts, including climate change, acid rain, freshwater depletion, ...

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