

In 2028, renewable energy sources account for 42% of global electricity generation, with the wind and solar PV share making up 25%. In 2028, hydropower remains the largest renewable electricity source. However, ...

The world is on course to add more renewable capacity in the next five years than has been installed since the first commercial renewable energy power plant was built more than 100 years ago. Almost 3 700 GW of new renewable capacity ...

Global coal-fired power generation is on track to peak in 2023 as new sources of renewable and low-carbon energy expand rapidly. Coal has dominated the global power sector for the past 30 ...

Major shifts underway today are set to result in a considerably different global energy system by the end of this decade, according to the IEA's new World Energy Outlook 2023. The phenomenal rise of clean energy ...

As of Oct 2024, Renewable energy sources, including large hydropower, have a combined installed capacity of 201.45 GW. The following is the installed capacity for Renewables: Wind power: 47.71 GW; Solar Power: 92.19 GW; ...

In 2023, an estimated 96% of newly installed, utility-scale solar PV and onshore wind capacity had lower generation costs than new coal and natural gas plants. In addition, three-quarters of new wind and solar PV plants offered cheaper ...

In the United States, utility-scale solar capacity additions outpaced additions from other generation sources between January and August 2023--reaching almost 9 gigawatts (GW), up 36% for the same period in 2022--while small-scale solar ...

The amount of new gas-fired power capacity being approved and coming online remains stable at around 50-60 GW per year. Investment in coal has been rising steadily in recent years, and ...

In the NZE, investment in power generation and infrastructure is six-times higher than in oil and gas supply by 2030. ... The new energy economy depicted in the NZE is a collaborative one in which countries demonstrate a shared focus on ...

The pace of deployment of some clean energy technologies - such as solar PV and electric vehicles - shows what can be achieved with sufficient ambition and policy action, ...

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