New Energy and Wind Power Generation

Here, the most recent developments and future perspectives of wind power generation in the scientific literature are briefly reviewed. Five decisive topics for the future development of onshore ...

Renewable sources--wind, solar, hydro, biomass, and geothermal--accounted for 22% of generation, or 874 billion kWh, last year. Annual renewable power generation surpassed nuclear ...

Discover the Top 10 Wind Energy Industry Trends plus 20 out of 1700+ startups in the field and learn how they impact your business.

Wind advances in 2025 will include capacity increases, noise reduction, and turbine recycling. The United States is home to over 70,000 wind turbines with 153 GW of installed capacity, producing ...

Wind energy advantages explain why wind power is one of the fast-growing renewable energy sources in all the world.

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Solar and wind are growing fast enough to meet all new electricity demand worldwide for the first three quarters of 2025, according to new data from energy think tank Ember.

In this deep dive, we explore five of the most promising renewable energy technologies poised to reshape the global energy landscape in the coming decades. These are not distant dreams.

Worldwide solar and wind power generation has outpaced electricity demand this year, and for the first time on record, renewable energies combined generated more power than coal, ...

Globally, renewable power capacity is projected to increase almost 4 600 GW between 2025 and 2030 - double the deployment of the previous five years (2019-2024). Growth in utility-scale and distributed ...

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