New Energy SectorWind Solar Energy Storage Green Electricity

In addition to changes to NEMS, we also updated the way we calculate primary energy consumption of electricity generation from noncombustible renewable energy sources such as solar, ...

Renewables, including solar, wind, hydropower, biofuels and others, are at the centre of the transition to less carbon-intensive and more sustainable energy systems. Generation capacity has grown rapidly ...

Solar industry breakthroughs are revolutionizing energy production with innovations like thin-film solar cells. These flexible and cost-effective panels are reshaping the way we harness solar ...

We must transition to clean energy solutions that drastically cut carbon emissions and provide a sustainable path forward. The synergy between solar PV energy and energy storage ...

2025 has been a challenging year for renewables. The new tax law, commonly referred to as the One Big Beautiful Bill Act, rolled back many clean energy tax credits and imposed new restrictions, ...

Discover how breakthrough innovations in solar, wind, hydrogen, and storage are transforming the future of renewable technologies worldwide.

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.

Discover renewable energy innovations shaping the future with solar, wind, storage, and hydrogen solutions for a greener, efficient world.

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, ...

Discover how green tech is shaping renewable sources and transforming the future of energy. Explore the latest innovations in solar, wind, hydropower, and energy storage that are driving ...

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