

Renewable Energy Trends 2025

Chapter 1 : Global Renewable Energy Growth

In 2025, renewable energy capacity is expected to grow by 8% worldwide. Solar and wind power remain the fastest-growing sectors due to technological advancements and policy support. Countries are investing heavily in grid modernization to accommodate increased renewable penetration.

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Chapter 2 : Solar Energy Advances

Solar energy costs continue to fall, making it more competitive than fossil fuels in many regions. Innovations in photovoltaic materials and energy storage systems contribute to this trend. Floating solar farms and solar-powered desalination plants are emerging applications.

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Chapter 3 : Wind Energy Trends

Offshore wind farms are expanding rapidly, with several projects underway in Europe and Asia. Turbine efficiency improvements and larger rotor diameters boost energy output. Integration with hydrogen production is a key area of interest for wind energy.