The proportion of new energy generation and energy storage is low

Renewable energy and jobs: Annual review 2025 This twelfth edition of IRENA"s Renewable energy and jobs: Annual review, produced in collaboration with the International Labour Organization (ILO), ...

Developers plan to build 4.4 GW of new natural gas-fired capacity in the United States during 2025: 50% from simple-cycle combustion turbines and 36% from combined-cycle power blocks.

The share of renewables in global electricity generation is projected to rise from 32% in 2024 to 43% by 2030, while the share of variable renewable energy sources set to almost double to 27%.

To reduce CO2 emissions and local air pollution, the world needs to rapidly shift towards low-carbon sources of energy - nuclear and renewable technologies. Renewable energy will play a key role in ...

With the new projects online, renewables (including wind, solar, geothermal and hydropower) and battery storage now make up 30% of the country"s large-scale power generating ...

The combination of affordable solar and wind energy, supported by flexible grids and storage solutions, is enabling faster decarbonisation and at lower cost than previously imagined.

Today, less than 15 percent of the low-emissions technologies required to meet Paris-aligned targets by 2050 have been deployed, only a few percentage points higher than two years ago.

With renewable sources expected to account for the largest share of electricity generation worldwide in the coming decades, energy storage will play a significant role in maintaining ...

Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW installed. Combined, solar and storage accounted for 82% ...

Shortages in critical raw materials, environmental impact, energy loss, and costs are some of the challenges to large-scale deployment. The blue economy promises opportunities for ...

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