

China is set to see solar capacity overtake coal for the first time this year, with wind and solar expected to make up about half of total installed power capacity by end-2026.

The Atlantic Richfield Company (ARCO) pioneered utility-scale solar power generation in 1982. ARCO opened a 1.1 megawatt (MW) operation in Hesperia, California, the first industrial solar ...

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, according to a new ...

In the first half of 2025, solar and wind together accounted for 91% of all new U.S. power generating capacity, continuing solar's dominance as the largest source of new electricity on the grid.

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 ...

First Solar begins production in Perrysburg, Ohio, at the world's largest photovoltaic manufacturing plant with an estimated capacity of producing enough solar panels each year to generate 100 megawatts ...

The rapid expansion of solar capacity in recent years has made it the fastest growing source of new electricity generation. In 2024, global solar output rose by 28% (+469 TWh) compared ...

In 2025 - for the first year ever - solar arrays provided more electricity to Texas' main power grid than coal-fired power plants.

In 1981, Paul MacCready built Solar Challenger, the first aircraft to run on solar power, and flew it across the English Channel from France to the U.K. In 1998, the remote-controlled solar ...

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Power sector investment in solar photovoltaic (PV) technology is projected to exceed USD 500 billion in 2024, surpassing all other generation sources combined. Though growth may moderate slightly in ...

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