

The increased power capacity would mark a major milestone in the country's long-standing effort to build a cleaner power system.

Thermal generation still dwarfs wind and solar generation, but as Ember's co-founder Dave Jones points out, new zero emissions capacity is broadly meeting electricity demand growth, stemming further ...

Technological innovation continues to enhance the efficiency and affordability of solar power systems. From high-efficiency panels to AI-powered energy management, the next generation ...

To meet China's goal of carbon neutrality by 2060, substantial investment in upgrading power systems needs to be made to optimize the deployment of new photovoltaic and wind power ...

The advent of cheap wind and solar power is changing energy economics, for mature and emerging economies alike 91% of newly-commissioned wind and solar facilities globally are cheaper than the ...

China is adding more solar and wind power to its energy grid than any other economy - but that huge buildout has its challenges. Here's what we can learn

China's installations of wind and solar in May are enough to generate as much electricity as Poland, as the world's second-biggest economy breaks further records with its rapid buildup of...

China is rapidly scaling up its solar and wind energy infrastructure, accounting for nearly three-quarters of all utility-scale projects currently under construction worldwide, according to a...

growth and success in the solar photovoltaic power generation market. As the world's largest energy consumer, China's commitment to renewable energy and its pursuit of a more sustainable energy ...

In the 12 months to June 2025, wind and solar generated more electricity than hydro, nuclear, and bioenergy for the first time. Just four years earlier, they produced only half as much. This...

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