

The lack of hydropower to hedge the intermittency of solar and wind power may re-activate the use of fossil fuels--the most competitive substitute for baseload power--subsequently resulting ...

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When Xiao Li organized her first solar power generation event in March 2023, she didn't realize she'd uncovered a critical gap in renewable energy adoption. You know how it goes - communities want ...

Xiao Li Affiliation School of Business, Shanghai Dianji University, Shanghai, China Publication Topics

The energy-stored quasi-Z-source inverter (ES-qZSI) has attracted much attention for photovoltaic (PV) power generations, due to its capability to stabilize the PV power fluctuations with...

Maximizing power generation efficiency and fault diagnosis are two important aspects for reducing the cost of energy (COE) for photovoltaic (PV) systems.

The growth of these renewables impacts power prices, which may influence hydropower investments and the adoption of fossil-fuel options for baseload electricity.

Complementary operation of hydropower, wind and photovoltaic (PV) power is one of the most cost-efficient solutions for integration of intermittent wind and PV power.

XIAO LI-WHU Johns Hopkins University-SAIS & Wuhan University Verified email at jh Renewable energy (hydro wind & PV) Electricity economics Electricity economics

The events focus on a broad range of energy technology such as solar power, rechargeable batteries, fuel cells, smart grids, wind power, zero-emission, biomass, and thermal power generation.

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