

Energy storage for renewable energy source and principle

In the first half of 2025, Germany's onshore wind power sector experienced its most substantial growth since 2017, indicating a resurgence in the country's renewable energy efforts, ...

The AU\$13 million project is called "Novel Energy and Evaporative Storage Technologies for Irrigators". Image: Melanie Jenson (CRDC). A five-year research initiative is underway in ...

India has reached a significant milestone in its transition to clean energy by achieving 50% of its installed electricity capacity from non-fossil fuel sources, surpassing its 2030 target under the ...

Hidroelétrica de Cahora Bassa has signed a deal with Andritz to rehabilitate its 50-year-old hydro plant. The state-controlled IPP, which recently posted record financial results, is also seeking partners for a large solar PV ...

As energy transition progresses step-by-step, the global demand for sustainable industrial manufacturing has never been higher. Companies need to demonstrate reductions in greenhouse gas emissions or verify the volume of ...

The Texas renewable energy grid has demonstrated resilience and cost-effectiveness, challenging Trump's claims that the rapid adoption of solar and wind power leads to instability ...

AGL Energy has completed the acquisition of 100% ownership in South Australia (SA)'s Virtual Power Plant (SAVPP) from Tesla. This allows AGL to add a substantial network of residential ...

Marc's journalism covers the African energy space, from renewable power plays through to upstream hydrocarbons. Marc has a deep understanding of the challenges facing energy industries across the continent and the ...

Carbon capture and storage (CCS) is no longer just a future concept but is becoming a practical solution helping companies to plan cleaner energy projects and meet climate and sustainability ...

LDES can store excess renewable energy for periods of high demand and low supply, making it a powerful hybrid solution essential for maintaining a steady, reliable energy supply while ...

This obligation shall be treated as fulfilled only when at least 85% of the total energy stored is procured from Renewable Energy sources on an annual basis. There are several energy storage technologies available, broadly - ...



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