

Pilot tests of an aquifer thermal energy storage (ATES) system are underway by Mitsubishi Heavy Industries Thermal Systems and Osaka Metropolitan University in Osaka, Japan. The system ...

This project leverages a zero-carbon industrial park model and green hydrogen technology to convert intermittent renewable energy directly into stable, high-value green ammonia that's ...

Highlights Baogang and Inner Mongolia Power Group meet to expand industrial cooperation in green energy and rare earth technologies Companies aim to deepen collaboration on clean ...

Mongolia renewable energy 2025: Current energy landscape and transition goals Mongolia is currently heavily dependent on fossil fuels, particularly coal, which accounts for 95% of its electricity generation.

China has just approved the construction of an interprovincial hydrogen pipeline linking Inner Mongolia to the strategic Beijing-Tianjin-Hebei region. The project, spearheaded by Chinese ...

ULAN BATOR, July 24 (Xinhua) -- Mongolia's industrial output shrank by 2.8 percent in the first half of 2025, compared to the same period a year earlier, the country's National Statistics ...

The groundbreaking ceremony for the Ordos Gushanliang 3GW/12.8GWh Energy Storage Station Project was held on 28 June, marking a significant milestone in Inner Mongolia's renewable ...

It utilizes green electricity from solar power to electrolyze water into hydrogen and oxygen through water electrolysis devices. By exploring a new mode of pollution-free and zero ...

Blessed with abundant wind and solar energy -- accounting for over half of the nation's wind resources and more than 20 percent of solar potential -- Inner Mongolia has the country's lowest electricity rates and rather ...

With an abundance of strong winds and long hours of sunlight, Northwest China's Xinjiang Uygur autonomous region has been gradually stepping up its clean energy installations, taking advantage of its abundant ...

On June 26, the construction of the world's largest power generation-side energy storage project in Ulan Chab, Inner Mongolia, officially began. This 1 GW/6 GWh project, using lithium iron ...

Inner Mongolia's latest approval of a 1,000 MW integrated wind-solar-to-hydrogen project marks a structural shift in China's hydrogen policy execution, as it simultaneously pioneers renewable ...

China's renewable energy storage sector is undergoing a seismic shift, driven by urgent decarbonization targets and the rapid integration of intermittent renewables like wind and ...

The human impact of the energy transition Mongolia's capital city, Ulaanbaatar, is among the world's most polluted cities in winter, largely due to the burning of coal in ger areas.

The Renewable Energy and Power Quality Journal (RE& PQJ), edited by UK Zhende Publishing in collaboration with AEDERMACP, focuses on renewable energies and power quality, publishing high-quality research papers from the ...

Accelerating the construction of new energy storage infrastructure is expected to help address renewable energy integration challenges, enhance grid stability and flexibility, and provide ...

Electrocatalytic nitrate reduction to ammonia (NO₃RR) offers a promising alternative to the Haber-Bosch process, and nitrate-based voltaic cells enable simultaneous energy conversion and value-added ammonia production. ...

The first phase of the Dunan PV polysilicon project located in Bayannur, Northeast China's Inner Mongolia autonomous region, on July 13, 2021. [Photo/IC] China's plan to further optimize its energy mix by building ...

As part of its 4-year action plan for renewable energy, Nalaikh is aiming to develop a 100-hectare solar park to address growing electricity needs, along with a 50-MW battery ...

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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