

This acquisition strengthens Fortum's development pipeline for renewable power as the company prepares for future growth by developing ready-to-build projects in the Nordic countries. The acquired portfolio includes approximately 4.4 GW ...

Chinese energy storage solutions provider HyperStrong Technology Co Ltd has joined forces with Sweden-based sector player Repono AB to advance a 1.4-GWh portfolio of grid-scale battery ...

In a historic milestone for clean energy, solar power became the leading source of electricity in the EU for the first time in June 2025. New data from energy think tank Ember reveals that solar ...

RECs can help move from a centralised to a decentralised energy production system, make better use of RES, reduce energy costs and dependency from abroad and enhance citizen involvement in a prosumer role. ...

The addition of 582 gigawatts of renewable capacity in 2024 led to significant cost savings, avoiding fossil fuel use valued at about USD 57 billion. Notably, 91% of new renewable power ...

Finland's groundbreaking sand battery stores excess renewable electricity as heat, offering a long-lasting, low-cost, and carbon-neutral solution for meeting winter heating demands in cold ...

The EU depends on nuclear power for about one-quarter of its electricity, and a higher proportion of base-load power. Nuclear provides about half the low-carbon electricity. Very different energy policies pertain across the ...

Already home to the world's largest heat pump, Helsinki is aiming to become carbon neutral by 2050, and the new pump alone is expected to provide up to 40% of the city's heating requirements when it goes online in around 2029.

The European Commission decided to open infringement procedures by sending letters of formal notice to 26 Member States (Belgium, Bulgaria, Czechia, Germany, Estonia, Ireland, Greece, ...

Finland has taken a bold step in clean energy innovation by launching the world's first commercial sand battery. This thermal storage system uses heated grains to retain energy for months. ...



# Europe renewable energy helsinki

