

Sep 1, 2025 Phase change material (PCM) has critical applications in thermal energy storage (TES) and conversion systems due to significant capacity to store and release heat. The ?

Why Thermal Energy Storage Is Stealing the Spotlight Ever wondered how your ice cream stays frozen during a 48-hour delivery? Or why some European greenhouses grow tropical fruits in ?

Jun 16, 2025 Romania's battery storage market is gaining momentum, but it's not yet ready for takeoff. A recent Aurora Energy Research report reveals strong investor interest and ?

Mar 25, 2025 In the next few years, with the maturity of battery energy storage technology, the improvement of market mechanism and the continuous inflow of multinational capital, the ?

Jul 17, 2024 Minister of Energy Sebastian Burduja signing 24 financing contracts for self-consumption solar and storage projects, worth nearly ?14 million. Image: Ministry of Energy. A ?

Nov 5, 2023 However, PCMs have low a thermal conductivity and a high degree of supercooling that are affecting their efficiency for energy storage. This review article first introduces the ?

Dec 15, 2024 With the continuous increase in global energy demand and environmental challenges, the efficient utilization and storage of energy have become critical areas of ?

Apr 1, 2023 The research progress of phase change cold storage materials used in cold chain logistics of aquatic products was reviewed in detail for the first time.

Dec 28, 2020 Building envelope is a key element in providing adequate energy and thermal comfort performance to buildings. In this regard, improvement solutions are implemented in ?

Thermal energy storage technologies utilizing phase change materials (PCMs) that melt in the intermediate temperature range, between 100 and 220 & #176;C, have the potential to mitigate ?

Nov 18, 2025 Energy Minister Bogdan Ivan has unveiled a new ?150 million energy storage program, expected to deliver 385 MW of battery storage projects across Romanian ?

Aug 19, 2025 In an accelerated wave of investments, companies in Romania are combining battery energy storage systems (BESS) with solar, hydro or wind energy, or building ?

Sep 1, 2023 In pursuit of sustainable energy models, phase change material research has shifted towards biobased materials. This review explores the growing field of biobased phase ?

Nov 18, 2025 Aukera Energy has secured a ?60m (\$69.58m) debt facility from Kommunalkredit Austria to finance its first standalone battery energy storage system (BESS) in Romania.

Jul 15, 2025 Romania eliminates double taxation on battery energy storage systems to attract investors and accelerate renewable integration across the national grid.

Sep 24, 2025 This exploration delves into Romania's strategic position within the broader European energy transition, unpacking the obstacles it faces and the innovative approaches ?

Web: <https://www.winnicakrucza.pl>