AI: The Grid's Smartest Ally

How artificial intelligence is revolutionizing energy optimization and storage.

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THE DATA

2035

Commercial Storage Growth Forecast

The commercial energy storage system market is forecast for significant growth through 2035.

This long-term projection underscores the increasing importance of advanced energy storage solutions globally. Driven by renewable integration and the relentless demand from data centers, storage is becoming central to resilient and efficient energy systems.

Source: IndexBox · Published July 09, 2026

01

AI Optimizes Smart Microgrids

AI is proving critical in powering the next generation of smart microgrids, enabling more efficient energy distribution and enhanced resilience at a localized level. These intelligent systems leverage AI to dynamically manage supply and demand, integrate diverse renewable sources, and ensure stable power delivery.

02

Advanced Storage Rewrites the Playbook

The role of advanced energy storage is expanding beyond traditional backup power, evolving into critical infrastructure for AI data centers. New business models are emerging, exploring how battery storage can provide revenue streams from grid services and leverage distributed computing power, fundamentally changing energy asset utilization.

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