



2025 behind-the-meter energy storage projects

Attention in recent years in the storage industry has primarily been on utility-scale storage, but this briefing quantifies the current scale and characteristics of what we deem hybrid storage assets ...

“Achieving commercial operation in October 2025, this milestone marks a significant advancement in the state's energy infrastructure,” it said. The BESS was developed in Kingman, ...

Batteries account for 90% of the increase in storage in the Net Zero Emissions by 2050 (NZE) Scenario, rising 14-fold to 1 200 GW by 2030. This includes both utility-scale and ...

At the same time, behind-the-meter storage tells a different story. Residential battery installations declined for the second consecutive year, reflecting the slowdown in rooftop solar ...

Global BESS installations exceeded 300 GWh in 2025 Benchmark Mineral Intelligence estimates that global battery energy storage system (BESS) installations reached around 315 GWh ...

Since its launch in April 2025, the platform has connected 42 storage assets, with a combined capacity of 188 MW, significantly improving operational visibility and system management.

According to Cleanview project tracking, in 2025, 48 GW of BTM projects associated with data centers were announced, with approximately 33% of the new planned capacity expected to come from this ...

In June 2025, Tesla, Inc. announced the deployment of an advanced behind-the-meter (BTM) energy storage project in California, featuring its latest Powerwall 3 and Powerpack systems.

Looking ahead to 2025, the North American energy storage sector is poised for another transformative year. Nationwide, we're seeing a robust project pipeline, advancements in software...

Discover how behind-the-meter generation is transforming colocation in 2025. Learn why on-site renewables, fuel cells, and microgrids are key to power, ESG, and resilience.



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