



# Factory BESS EPC Turnkey Revolution

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### What's Driving Factory BESS Demand?

Manufacturers are waking up to a harsh reality - energy costs now consume 15-30% of operating budgets. With grid instability incidents up 47% since 2020 (DOE data), factories can't afford downtime. That's where Battery Energy Storage Systems (BESS) come crashing through like cavalry. But here's the kicker - traditional piecemeal installations just aren't cutting it anymore.

### The Hidden Costs of Fragmented Solutions

Take Midwest Auto Parts Co.'s cautionary tale. They installed inverters in 2019, batteries in 2021, and monitoring systems in 2022. Sounds logical, right? Well, compatibility issues caused 217 hours of downtime last quarter alone. Their maintenance costs ballooned to \$127/kWh annually - nearly double industry averages. "We thought we were saving money," confesses plant manager Greg Hollis. "Turns out we built a Frankenstein system."

### The EPC Turnkey Difference

EPC (Engineering, Procurement, Construction) turnkey developers are flipping the script. Picture this - one team handles everything from site surveys to grid synchronization. No more finger-pointing between contractors. The numbers speak volumes:

Metric

Traditional Approach

Turnkey Solution



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## Implementation Time

9-14 months

5-8 months

## Cost Overruns

22% average

Web:

<https://www.onepower.pl>