

BESS Energy Storage Solutions

Reliable solutions for energy storage and cost optimization

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What is BESS

BESS (Battery Energy Storage System) — **ensures an uninterrupted power supply**

This is an energy storage system which functions as an "energy battery" for businesses, buildings, and entire power grids.

The system stores electricity during periods of low demand or low electricity rates, and releases it when energy is more expensive or when there is a shortage.

This allows you to manage energy rather than be dependent on it.



What BESS Is Used For:

1. Energy comes from the grid, solar panels, and any cogeneration
 2. The system stores it in batteries
 3. Energy is returned to the consumer when needed

Stabilizing and providing uninterrupted power

- during peak-rate hours
 - during outages
 - during grid overloads





How beSS works

Why it matters

Energy becomes an asset

Rising electricity rates

Growth of solar energy

Grid Outages and Instability

Infrastructure overload

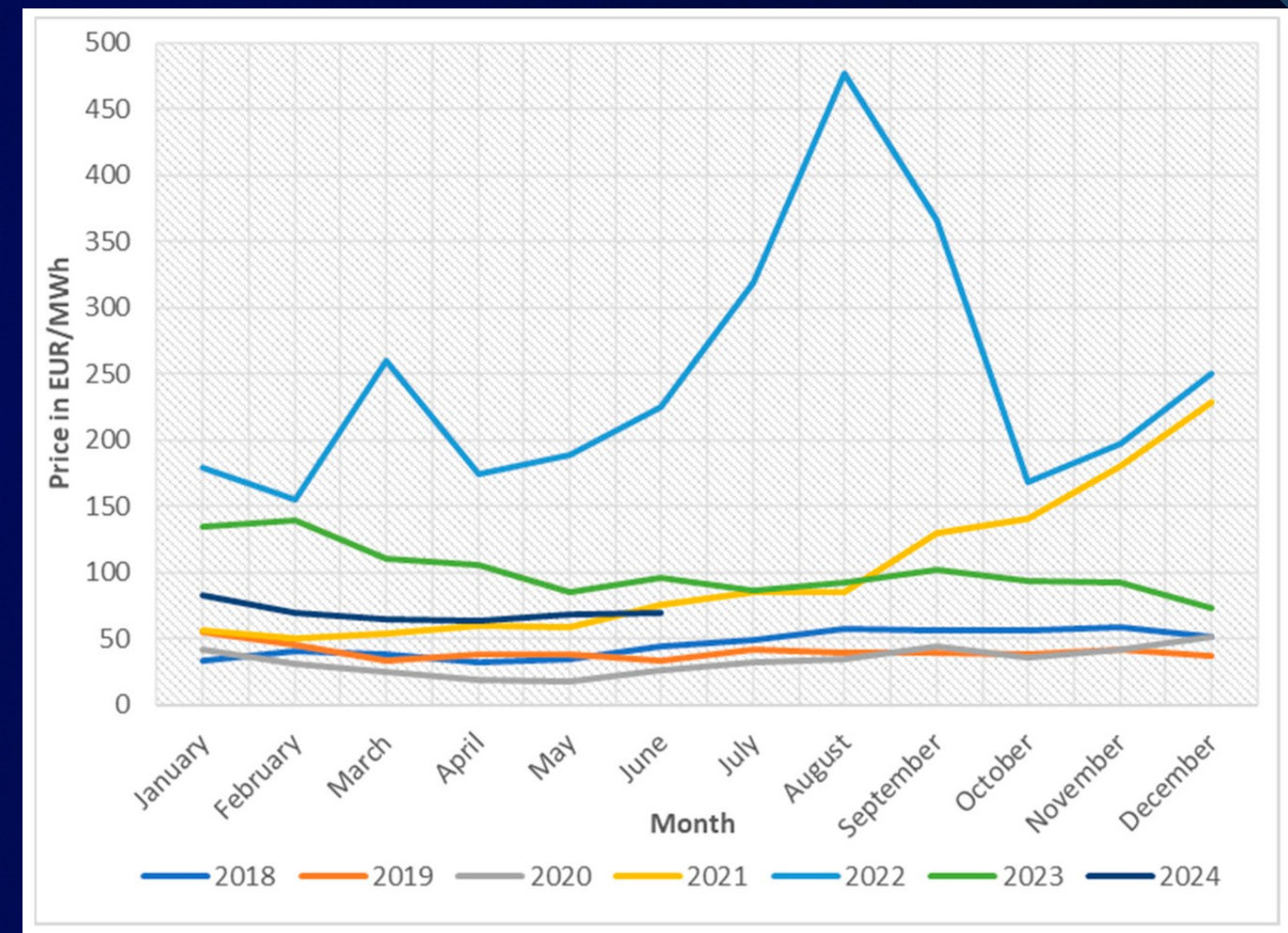


Chart showing electricity price trends (EUR/MWh) by month for various years

Where Bess systems are used

- Residential complexes
- Shopping centers, offices, hotels, data centers
- Factories and manufacturing
- Solar and wind power plants
- Energy traders
- Developers and construction companies
- EV charging infrastructure
- Remote sites (quarries, oil and gas)
- Private homes (especially with solar panels)

Particularly relevant:

Ukraine, EU countries, Central Asia, and regions with power outages



How BESS generates revenue



Savings

- Reduced electricity costs
- Peak shaving
- Protection against power outages

Revenue

- energy sales
- tariff arbitrage
- participation in grid balancing

BESS = cost reduction + new revenue stream



Our goal

Companies operating in the energy market:

- Energy traders
- Generation owners
- Investors
- State-owned enterprises

Problems Solved by BESS

- Market volatility
- Losses due to imbalances
- Underutilization of energy
- High Rates
- Load peaks
- Costly downtime

What we offer

- **Equipment selection**
- **Design**
- **Delivery**
- **Commissioning**
- **Turnkey projects**
- **Financial solutions**

Financial Terms

- **European financing**
 - **Initial investment of 25%**
- **The remainder is raised by prior agreement**
- **Fully compliant with international best practices**