

GAZ ENERGY



Your European partner for ESS



WWW.GAZENERGY.CZ



About GAZ ENERGY



We deliver bankable, utility-scale BESS manufactured in Europe. We de-risk your projects with 100+ years of industrial legacy, full NIS2 compliance, and long-term performance guarantees.



**Over 100 Years
of Experience**



**GWh-Scale
European Production**



**Quality First
14 000+ Test Points**



**Long-Term Service
Agreement**



**Compliance with
EU Security Rules**



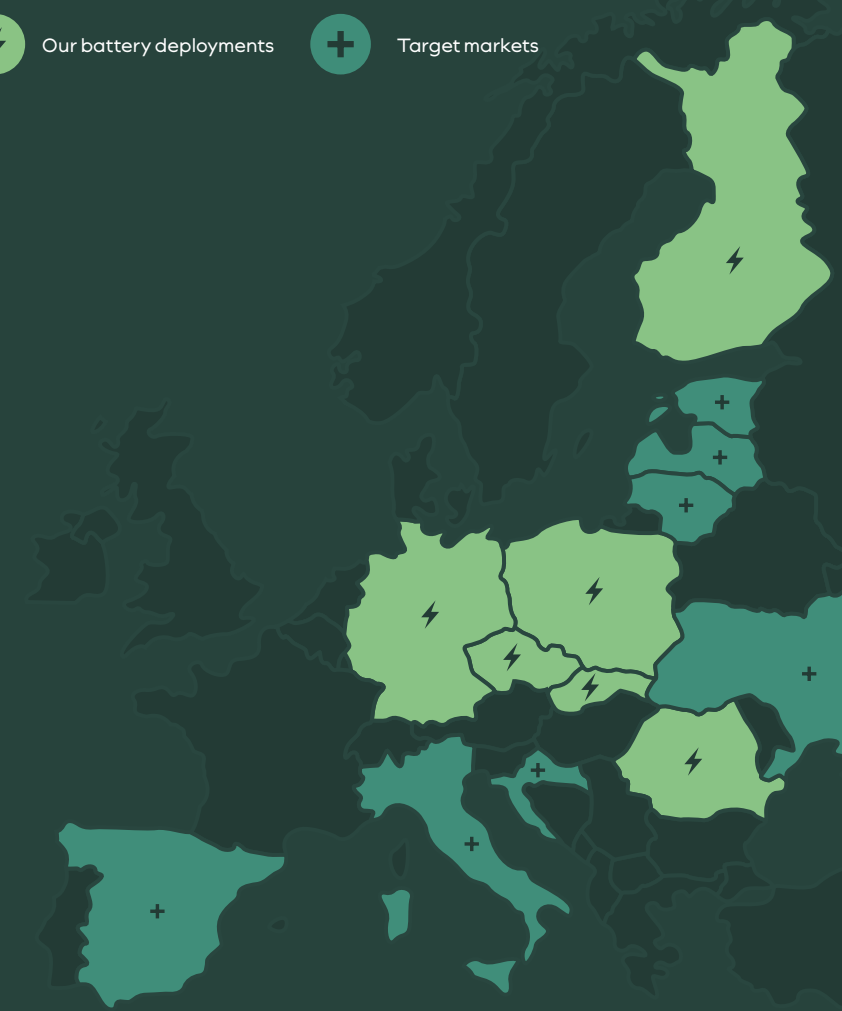
**Strategic Alliance
with Second Foundation**



Our battery deployments



Target markets



**2 GWh
contracted capacity**

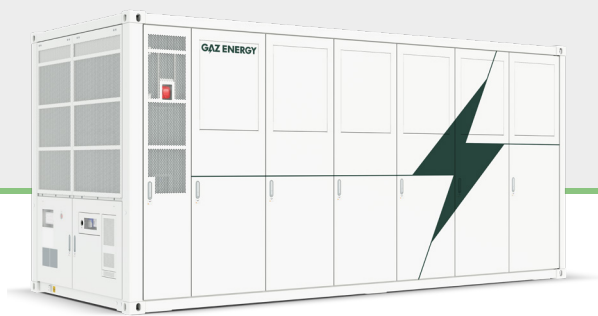
25+ BESS projects

**6 countries
across Europe**

What We Offer?

Integrated technology portfolio

We provide certified industrial hardware combined with proprietary EU software. Our systems are engineered for stability, safety, and seamless grid integration.



GAZ ENERGY Battery Container (ESS)

Manufacturing & Quality: Production and testing are conducted at our plant in Bohumín, Czechia.

EU Certification: Every unit is fully certified according to EU legislation.

Safety & Performance: High-density Li-ion (LFP) systems equipped with active liquid cooling and integrated fire suppression systems.



Grid-Forming



Black Start



5 MWh



0.5 C / 0.25 C



GAZ ENERGY PCS String (Inverter)

Efficiency: Efficiency up to 99% contributing to energy savings.

Reliability: Modular design providing technical flexibility and simplified maintenance.

Resilience: If one PCS unit fails, the remaining units continue operation to maintain capacity.



PCS String Frame:

6×PCS units in a specialized frame for mid-size applications



PCS String Station (SKID):

36×PCS units and 4 distribution cabinets for utility-scale projects

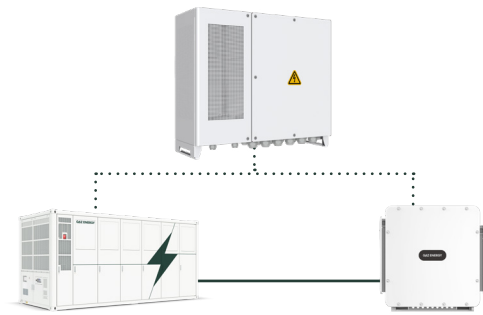


GAZ ENERGY Array Controller

Native Compatibility: Seamless integration and optimized performance with our ESS and PCS units.

EU Data Sovereignty: In-house European software ensuring absolute control over system logic.

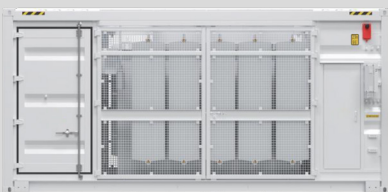
Advanced Protection: Top-tier cybersecurity, redundant dual-architecture, and integrated IMD safety.



Battery Container

PCS String

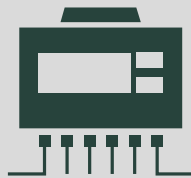
Optional



Transformer Station



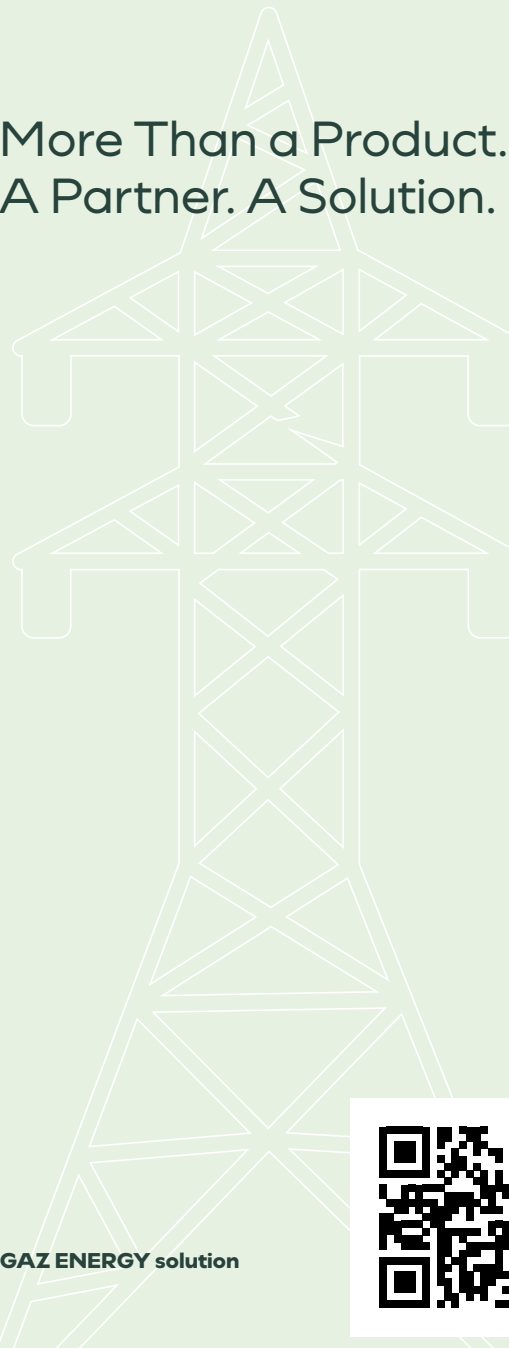
Distribution Transformer



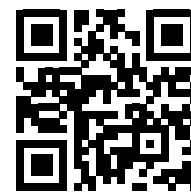
Energy management system
(PPC/ EMS)



More Than a Product.
A Partner. A Solution.



GAZ ENERGY solution



GAZ ENERGY

Maintenance and service



GAZ ENERGY's after-sales support provides the assurance of reliable operation. As a European manufacturer, we ensure that your system operates safely thanks to expert supervision and proactive diagnostics. Our approach minimizes the risk of outages and protects the technology's lifespan throughout its entire cycle. Thanks to our proprietary software, we guarantee stability and performance that meet the demanding requirements of the modern energy sector.

Our service model combines local service facilities in the Czech Republic with direct support for export partners within the EU. The key to speed is a spare parts warehouse ensuring the immediate availability of critical components. We eliminate logistical delays and guarantee seamless service regardless of location. Regular audits and warranty coordination make us a stable partner for the safe and predictable operation of your investment.

Service Center

(Expert supervision)

We provide technical maintenance and expert supervision for BESS.

- Remote monitoring and diagnostics
- Rapid on-site service interventions
- Regular audits and operator training
- Training for service partners
- Complete management of warranty repairs



Spare Parts Warehouse

(Minimizing downtime)

Immediate availability of critical components is the key to maintaining continuous operation.

- Central warehouse in the Czech Republic
- Critical parts kept directly at the customer's site
- Fast regional logistics
- Guaranteed parts for the entire lifespan



Strategic Alliance:

GAZ ENERGY & Second Foundation



A powerful European partnership combining advanced battery manufacturing with global algorithmic energy trading. Together, we deliver end-to-end BESS solutions that maximize operational safety, performance, and financial returns.

PILLARS OF OUR PARTNERSHIP



Preferred Supplier

Delivering over **1 GWh** of committed BESS capacity across European markets.



Advanced Technology

Collaborating on a proprietary BESS control system for maximum security and performance.



Top-Tier Operations

Building elite service teams to ensure unmatched long-term reliability and support.



Strategic Backing

Second Foundation acts as a strategic shareholder and key investor in GAZ ENERGY.



Second Foundation

A global algorithmic energy trading leader. Active in 30+ countries with 500+ employees across main hubs in Prague, Berlin, Zug, Tokyo, and Charlotte.

Top 3

Power Trader in the EU

30+

Active Countries

2 GW

Renewable AUM

0.5 GW

Flexibility AUM

2 GW

BESS Target by 2028

100k+

Trades Executed Daily

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