

# Flagship opportunity: grid-forming black-start BESS

A high-barrier infrastructure use case where Goduni's power-system DNA is directly relevant.

<b>2 ×</b> black-start units	<b>200 MW</b> per unit	<b>300 MWh</b> per unit
<b>150 Mvar</b> reactive power	<b>&gt;12 h</b> operational readiness	<b>&lt;0.5 h</b> synchronization / readiness target

The project is positioned in the Amprion / Hessen corridor and requires voltage ride-through, frequency control, reactive power near P=0, island grid load steps, hardened communication and low-complexity operational design.

**Tender window: 2026**

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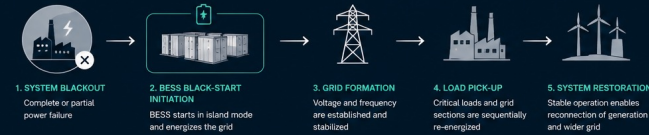
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### BLACK-START OPERATION – RESTORING THE GRID



### KEY BENEFITS

- System Resilience** Enables fast and reliable grid restoration after major outages.
- Grid Stability** Provides inertia, voltage support and frequency control.
- High Readiness** Built for <0.5 h synchronization and >12 h operational readiness.
- Future Proof** Supports the energy transition with secure, low-carbon infrastructure.

<b>GODUNI INTERNATIONAL</b>	<b>ENGINEERING EXCELLENCE</b> Proven EPC track record	<b>UTILITY INTEGRATION</b> Designed for grid performance	<b>SUSTAINABLE IMPACT</b> Enabling the energy transition	<b>BUILT FOR THE FUTURE</b> Reliable, Flexible, Sustainable.	goduni.de
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