

Current BESS implementation reference: PGE / LGES Poland

A live OEM-linked storage project adds credibility beyond paper pipeline.

1,020 MWh

BESS installation currently in execution

02/2027

Expected installation period completion

Goduni's role is positioned around the difficult layer: turning OEM technology into a project-ready, compliant, site-acceptable infrastructure solution.

OEM interface

Technical translation between product, site and operator requirements.

Compliance

Fire safety, cybersecurity, grid and local authority readiness.

Bankability

Structured package for operator, insurer, regulator and investor review.

REFERENCE PROJECT
BESS Poland Żarnowiec
 Pioneering Large-Scale Energy Storage for a Reliable and Flexible Energy Future
 Goduni International is delivering one of Poland's largest battery energy storage projects, supporting grid stability, renewable integration and energy security in the Pomeranian region.

KEY PROJECT FACTS

- 1,020 MWh** Installed Energy Capacity
- ~200 MW** Power Capacity
- Q2 2027** Commercial Operation Date (Target)
- Żarnowiec, Poland** Project Location
- Goduni International** EPC & Project Developer
- PGE / LGES** Client / Project Partner

PROJECT PROGRESS

- Development & Permitting: Completed
- Grid Connection Agreement: Completed
- EPC Contract Awarded: Completed
- Construction: In Progress
- Commissioning: Q2 2027

SYSTEM OVERVIEW

BATTERY SYSTEM (Containerized Battery Units) → POWER CONVERSION SYSTEM (PCS) (Bi-directional Inverters) → STEP-UP TRANSFORMER (MV / HV Transformer) → SUBSTATION (Connection to 220 kV Grid) → POWER GRID (Polish National Power System)

ENERGY MANAGEMENT SYSTEM (EMS) connects the Battery System and Power Conversion System.

PROJECT BENEFITS

- GRID STABILITY**: Enhances frequency control and supports secure grid operations.
- RENEWABLE INTEGRATION**: Enables higher shares of variable renewables through flexible storage capacity.
- ENERGY SECURITY**: Increases reliability of supply and reduces dependency on conventional generation.
- DECARBONIZATION**: Supports Poland's transition towards a low-carbon and sustainable energy system.
- MARKET VALUE**: Participates in capacity, balancing and energy markets, creating long-term value.

STRONG PARTNERSHIP

PGE (Polska Grupa Energetyczna) and **LG Energy Solution**

Developed in partnership with PGE and LG Energy Solution (LGES), combining global technology leadership with local market expertise to deliver a best-in-class energy storage asset.

Goduni

- ENGINEERING EXCELLENCE**: Proven EPC track record
- UTILITY INTEGRATION**: Designed for grid performance
- SUSTAINABLE IMPACT**: Enabling the energy transition
- BUILT FOR THE FUTURE**: Reliable. Flexible. Sustainable.

Building critical energy infrastructure for a resilient and sustainable tomorrow.