

702 MW BESS Project Romania



Code: IEA01



INTRODUCTION

The project is a large-scale Battery Energy Storage System (BESS), currently in **RTB – Ready To Build** status, with all major permits secured and fully prepared for immediate construction. Romania offers one of the most attractive power markets in Europe, with high prices, strong volatility, and a regulatory framework that favors flexible assets capable of capturing opportunities in arbitrage, balancing, and ancillary services.

This BESS is engineered to maximize revenues through **market optimization, energy arbitrage, balancing services, FCR, aFRR, mFRR**, and other ancillary services, combining medium-term contractual stability with merchant upside.

The opportunity allows investors to acquire **up to 100% of the project**, gaining direct access to a high-return asset with a strong revenue profile and a strategic position within the Romanian power system.

Sobre el Promotor

The seller is a Romanian renewable energy developer with extensive experience in delivering large-scale wind, solar photovoltaic, and battery energy storage (BESS) projects.

The company manages a strong development portfolio exceeding **2 GW**, including multiple photovoltaic and battery storage assets, positioning itself as one of the most relevant players in one of Europe's fastest-growing power markets.

Its pipeline covers utility-scale developments and advanced hybrid solutions, reflecting a strategic focus on high-demand and high-value segments.

With a clear commitment to technological innovation and sustainable value creation, the seller applies rigorous environmental, technical, and engineering standards across all its projects. It also remains open to establishing long-term strategic partnerships to support the continuous expansion of its renewable energy platform.

The BESS project is currently **RTB (Ready-to-Build)**, with permitting and grid integration fully advanced, offering a direct opportunity to acquire **100% of the asset**.

Investment Highlights & Opportunity

- Large-scale BESS project: **702 MW / 1,404 MWh**
- Advanced development stage, **RTB – ready for construction**
- Direct grid connection at high-voltage level (400 kV)
- Exposure to one of Europe's most profitable power markets
- Flexible revenue strategy (**grid services, arbitrage, merchant**)
- Significant upside from optimisation and market volatility

Investment Opportunity

- Seeking **investor or strategic partner**
- **Up to 100% acquisition** available
- **Data Room access** upon qualification

*Submit your **Expression of Interest** to participate in the process*

[EXPRESS INTEREST HERE](#)

BESS General Design

General Information

- **Technology:** Battery Energy Storage System (BESS)
- **Total Installed Capacity:** 702 MW / 1,404 MWh
- **Location:** Romania
- **Project Status:** Advanced stage, RTB – Ready to Build

BESS Technical Details

- **Installed Capacity:** 702 MW
- **Energy Storage Capacity:** 1,404 MWh
- **Cycle Duration:** 2 hours
- **Development Status:** Fully permitted, grid integration secured
- **Battery Technology:** Lithium Iron Phosphate (LFP)
- **System Configuration:** Modular containerised design
- **Applications:**
 - Grid services (FCR, aFRR, mFRR)
 - Energy arbitrage
 - Grid stability and congestion management

Permitting & Connection

Permitting

- **Urban Planning Certificate (CU):** obtained
- **Topographic study:** completed
- **Geotechnical study:** no flooding or archaeological issues, obtained
- **Authorizations according to CU:** Ministries of Defense, Health, Romanian Waters, CNAIR – obtained
- **Site license from Transelectrica:** obtained
- **Connection Permit:** issued by Transelectrica (Q2 2026)
- **STMG Acceptance:** obtained (Q2 2026)
- **Environmental Permit (EIA):** obtained

Connection Infrastructure

- **Evacuation line voltage:** 400 kV
- **Connection type:** underground direct line to existing substation
- **Connection point:** 400 kV Substation
- **Estimated cable length:** ≈ 2.8 km
- **Conductor type:** XLPE 400 kV, $2 \times 630 \text{ mm}^2$ Al
- **Configuration: Shared infrastructure:** not applicable (double independent circuit dedicated connection)
- **Connection costs:** defined in ATR, estimated at **~€4.2 million**
- **Grid conditions:** fully compliant with Transelectrica solution study
- **Other comments:** connection confirmed and validated in ATR; no evacuation or congestion restrictions identified.

Land Rights & Further Details

Land Rights

- **Total, surface:** 11 hectares
- **Land type:** long-term lease
- **Land price:** €8,200 / ha / year
- **Contracted percentage:** 100%
- **Comments:** lease agreement signed; land fully available for industrial use; no servitudes or restrictions.
- **Expropriation:** not required

Capex & Opex

- **EPC:** under assessment (based on ATR and technical design)
- **EPC comments:** award expected Q1 2027
- **O&M:** planned with a utility-scale BESS operator
- **Other comments:** connection costs included in EPC; no additional land expenses

Other Information

Energy offset: Merchant

Energy offset Details: The BESS project follows a commercial strategy based on **grid services**, **energy arbitrage**, and **availability contracts**. Balancing market participation will be handled through a **certified aggregator**, enabling access to **FCR**, **aFRR**, and **mFRR** services.

The project may sign a **5-year capacity/services PPA**, securing stable revenues for system availability and flexibility. Alternatively, the BESS can operate through **OPCOM**, accessing the **Intraday Market (IDM)** and **price arbitrage** opportunities.

This structure provides **flexibility**, **diversified revenue streams**, and a strong profile for **institutional investors**.

Transaction Process

1. Expression of Interest (EOI)

Interested investors are invited to submit an Expression of Interest to the **Mandatary**, confirming their preliminary interest in the opportunity.

2. Information & Coordination Phase

The **Mandatary** will organise initial briefing sessions to present the project, address key questions, and align expectations with prospective investors.

3. Non-Binding Offer (NBO)

Investors shall submit an indicative offer including preliminary valuation, proposed transaction structure, payment terms, and indicative timeline.

4. Data Room Access (subject to pre-qualification)

Following acceptance of the LOI/NBO by the project owner, the **Mandatary** will grant access to the Data Room to pre-qualified investors, subject to verification of financial capability:

- **Proof of Funds (POF)** or bank reference
- Evidence of financing capacity (if applicable)

5. Due Diligence & Management Presentation

Investors will conduct technical, legal, and financial due diligence with the support of the **Mandatary**. A management presentation with the project owners will be arranged.

6. Binding Offer (BO)

Submission of the final binding offer, reflecting due diligence findings and including full commercial and legal terms.

7. Transaction Closing

Completion of confirmatory due diligence, negotiation, and execution of the **Share Purchase Agreement (SPA)**.

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