

150 MW BESS Project Romania



Code: BESS-08



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 specialized in **large-scale Battery Energy Storage Systems (BESS)**. The company has extensive experience in permitting, engineering, and delivering utility-scale storage projects, positioning itself as one of the most promising players in Europe's emerging high-growth energy markets.

Its development pipeline includes several BESS projects at different stages, reflecting a clear strategy focused on high-demand, high-value segments that strengthen grid stability and system flexibility.

The developer maintains a strong commitment to technological innovation, operational efficiency, and sustainable value creation. It applies rigorous environmental, technical, and engineering standards across all project phases and remains open to long-term strategic partnerships that support the continuous expansion of its platform.

The **150 MW / 300 MWh** BESS project is in **RTB (Ready-to-Build)** stage, with full permitting, final engineering design, and advanced grid integration. It offers a direct opportunity for the **acquisition of 100% of the asset**.

Investment Highlights & Opportunity

- Large-scale BESS project: **150 MW / 300 MWh**
- Advanced development stage, **RTB – ready for construction**
- Direct grid connection at high-voltage level (110kV)
- 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:** 150 MW / 300 MWh
- **Location:** Romania
- **Project Status:** Advanced stage, RTB – Ready to Build

BESS Technical Details

- **Installed Capacity:** 150 MW
- **Energy Storage Capacity:** 300 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:** Transgaz, CNAIR – obtained
- **Site license from Transelectrica:** obtained
- **Connection Permit:** issued by Transelectrica (Q1 2026)
- **STMG Acceptance:** obtained (Q1 2026)
- **Environmental Permit (EIA):** obtained

Connection Infrastructure

- **Evacuation line voltage:** 110 kV
- **Connection type:** underground direct line to existing substation
- **Connection point:** 110 kV Substation
- **Estimated cable length:** ≈ 200 m
- **Conductor type:** 110 kV underground cable, XLPE insulation, cross-section ≥ 630 mm² Al (to be defined at Detailed Design stage, in line with CNTEE Transelectrica and ANRE requirements).
- **Configuration:** double independent circuit
- **Shared infrastructure:** not applicable (dedicated connection)
- **Connection costs:** defined in ATR, estimated at **~€/MW 10.150**
- **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:** 2.1 hectares
- **Land:** The SPV holds a land use rights agreement for the site. Prior to the sale of the SPV, the developer will purchase the land, ensuring full ownership and removing any risks associated with the lease structure.
- **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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