

UNLOCKING ENERGY STORAGE (BESS) IN ARMENIA

Financing Now Available for Battery Energy Storage Systems

WHY BESS MATTERS NOW

- For autonomous PV producers, proposed grid requirements may limit exports during 12:00-15:00h.
- Battery storage can capture excess midday solar generation.
- Stored energy can later be used on-site, increasing self-consumption and reducing electricity purchases.

ADVANTAGES OF BESS

- ✓ Increase self-consumption of solar energy
- ✓ Reduce electricity purchases from the grid
- ✓ Improve energy independence and resilience
- ✓ Capture excess solar generation for later use
- ✓ Prepare for evolving grid requirements
- ✓ Position for future electricity market opportunities

WHO CAN BENEFIT?

- Residential and commercial consumers
- Autonomous PV producers
- Future market participants

CURRENT REGULATORY FRAMEWORK*

Energy storage is now recognized as a distinct regulated activity under the amended Energy Law

LICENSING

No license generally required for:

- Storage projects up to 1 MW
- Own-consumption storage facilities (above 1 MW)

MARKET OPPORTUNITIES

- Energy storage services
- Electricity trading
- Future balancing markets

EXAMPLE APPLICATIONS**

- 10 kWh BESS + Rooftop PV**
 - Potential savings: up to ~150,000 AMD/year
 - Higher solar self-consumption
- Commercial / Industrial PV + BESS**
 - Maximize the value of on-site solar generation
 - Reduce reliance on grid electricity
- Standalone Utility-Scale BESS**
 - Future electricity trading and storage revenues*
 - Business case depends on future market rules

FINANCING CONDITIONS

Effective Interest Rate	Up to 10%
Loan Tenor	Up to 10 years
Maximum Financing Amount	Based on eligible investment costs

INTERESTED IN A BESS PROJECT?

Apply for Financing

Apply for financing, obtain technical guidance, and learn about current eligibility requirements through GAF and participating financial institutions.

 <https://re.gaf.am/>

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Important: Existing PV projects operating under Feed-in Tariff (FiT) arrangements should verify storage eligibility and available market participation options before investing in BESS solutions.

* This document is for informational purposes. Regulatory framework is subject to finalization of secondary legislation by the PSRC. For technical compliance, refer to the SET Centre (www.setcenter.am).

** Illustrative examples only. Actual savings depend on electricity tariffs, battery size, consumption profile and future regulatory requirements.

*** Tariff methodologies and market mechanisms for energy storage are currently being developed.