

SOLAR GENERATION AND BESS — STRENGTHENING ENERGY ANTIFRAGILITY AND INDEPENDENCE

Vladyslav Sokolovskyi

Chairman of the Board of the Solar
Energy Association of Ukraine



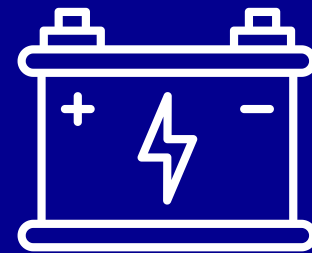
7,500 MW — TOTAL INSTALLED SOLAR CAPACITY

MARKET DEVELOPMENT

2024 became a turning point for Ukraine's solar energy market

800 MW of new solar capacity installed.

First megawatt-scale **BESS** projects commissioned.



First half of 2025

+ 700 MW of new solar capacity installed.

As of November 1, 2025

+ 500 MWh of BESS capacity added.



Solar generation combined with BESS is actively deployed by: industrial and logistics companies, the agricultural sector, municipalities, and private households.

OUTLOOK

By the end of 2025

+ 800 MW

of new solar capacity expected

By the end of 2026

+ 1 GW / 3 GWh

of new BESS capacity projected

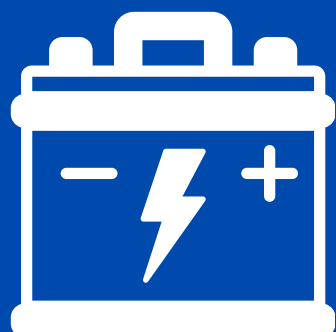
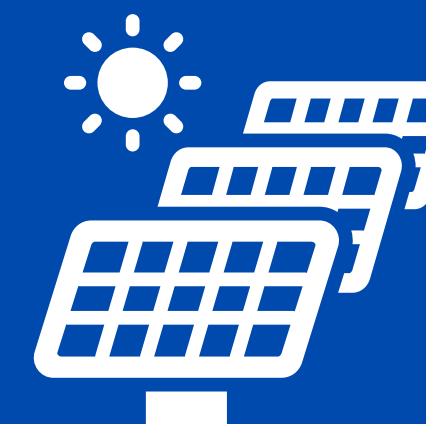
BESS: KEY ARGUMENTS “FOR”



Excess daytime generation can be used at night or during peak hours.



Current cost of Solar + BESS projects is comparable to the price of a solar plant alone a few years ago.



Opportunity to provide ancillary services to the national transmission system operator under 5-year euro-denominated contracts.



Solar + BESS: electricity sales on the market and additional profit through energy arbitrage



2024–2025: INCENTIVES FOR SOLAR AND BESS



Risk of blackouts encourages businesses, communities, and citizens to seek autonomous energy sources.



Tax incentives: since July 2024, VAT and import duties on photovoltaic modules and BESS have been abolished.



Business motivation: additional income, energy independence, and predictable energy costs

☛ **Solar + BESS — profitable investment tools.**



Global price decline for PV modules and energy storage systems.

Solar energy in Ukraine is no longer the future — it is the present, shaping our energy security and investment attractiveness.

Contacts



office@aseu.org.ua



+38(093)78-22-033

WEBSITE



LinkedIn



Facebook

