

North Macedonia grid-connected solar panels



Overview

In a landmark move for the region's energy transition, Turkey-based YESS Power has officially commissioned the first large-scale, grid-connected solar battery system in the Balkans. The pioneering project, located in North Macedonia, represents a significant step forward in integrating renewable . The prospects for investing in solar farms in North Macedonia are rapidly evolving, fueled by significant regulatory reforms and an increasing commitment to renewable energy. The 10MW solar plant, built .

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EU-funded solar plant starts operating in North Macedonia

The first large-scale solar plant in North Macedonia - financed with the support of the European Union, WBIF bilateral donors and the European Bank for Reconstruction and Development

North Macedonia - Solar PV Project (Gradsko)

This large-scale solar PV project is designed to significantly increase the share of renewable energy in North Macedonia's electricity mix. The project will deliver both substantial clean power generation



NORTH MACEDONIA RENEWABLE ENERGY MARKET

This report, "North Macedonia Renewable Energy Market - 2025 Update", has been produced by Invest In Network as part of the Energy Week Western Balkans 2025 framework.

[Solar and storage opportunities in the North Macedonia power market](#)

A new energy law adopted in May 2025 is expected to further accelerate the uptake of battery storage. State-led solar and wind projects, along with investments in grid infrastructure and





Macedonia

Following the implementation of the first renewable energy law in 2021, the nation has seen a remarkable surge in investor interest, with grid connection requests for solar and wind



[North Macedonia Inverter Photovoltaic Project Bidding: Opportunities](#)

North Macedonia has set ambitious goals to increase renewable energy capacity by 50% by 2030, with solar projects playing a central role. The government's recent inverter photovoltaic project bidding



North Macedonia's energy

While hydropower traditionally dominated North Macedonia's renewable sector, PV systems have led the expansion between 2022 and 2024, marking an unprecedented growth period



Solar battery North Macedonia Launches Unique 2024 System

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[North Macedonia's DSO launches interactive map of free capacity for](#)

North Macedonia's distribution system operator Elektro distribucija is probably the first in the Western Balkan region and beyond to produce an interactive map of free capacity for connecting

Grid connected pv North Macedonia

The first large-scale solar plant in North Macedonia has been connected to the power grid and is already producing clean electricity. The plant has been financed with the support of the Western Balkans



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