



# North Macedonia inverter solar project





## Overview

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The Oslomej solar project, financed by the European Bank for Reconstruction and Development (EBRD), has been built alongside a coal-fired power plant located in Kichevo and is equipped with eight Ingeteam solar inverters of 1,400 kW each. North Macedonia's first large-scale photovoltaic plant is already under construction, and about to be completed. Packed with insights into solar, wind, hydro, and storage developments, regulatory frameworks, and investment opportunities, it is designed to inspire and inform decision- Western Balkans' energy transition<sup>1</sup>. By 2023, renewables accounted for 50% of the. North Macedonia is set to significantly boost its renewable energy capacity by 2025, with the upcoming construction of a floating solar power plant and a major photovoltaic solar project. Find out more in our daily focus, 15-18 September.



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### [UPDATE: North Macedonia prepares first agreements with strategic](#)

North Macedonia has drafted the first laws and agreements on strategic investments in the energy sector, a model the country is using to facilitate and speed up investments in renewable electricity plants.

### 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 for renewable energy ...



### Macedonia

The Oslomej solar park represents a significant advancement in solar energy investment in North Macedonia. Built on a former lignite open-pit mining site, this project is noteworthy not only for its scale but ...

### [Solar Energy in North Macedonia: Opportunities With Photovoltaics](#)

This article explores the current state of solar energy in North Macedonia, the opportunities for growth, and the challenges that must be addressed to maximize its potential.



### [GEN-I Boosts North Macedonia's Solar Power with New Plant](#)

The company's focus on solar power is part of a broader strategy to reduce its carbon footprint and contribute to global efforts against climate change. In addition to its work in North Macedonia, GEN-I is ...



### [Ingeteam Inverters Employed in New Macedonia Plants](#)

The first large-scale PV facility in North Macedonia is now under development and nearing completion. The Oslomej solar plant, funded by the EBRD, was erected in Kichevo and features eight 1400 kW Ingeteam ...



### [North Macedonia renewable energy: Impressive growth in 2025](#)

By adding solar power generation to the reservoir, the plant provides a reliable source of energy even during periods of low water levels, creating a powerful hybrid system. This project is part of a broader ...

## **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](#)

North Macedonia offers strong growth potential for renewable energy. Favourable geography and climate support both solar and wind generation, while government initiatives provide an increasingly attractive ...

### [Ingeteam solar inverters in North Macedonia's first utility-scale solar](#)

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