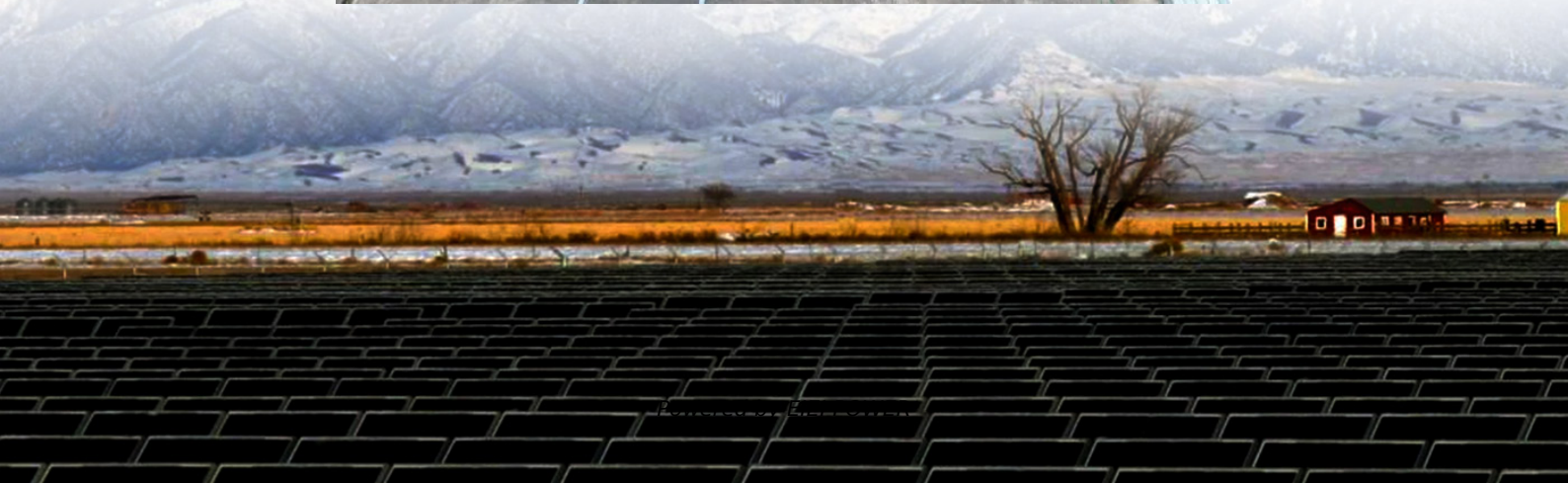


# **High-efficiency solar containerized solar power type in North Macedonia**





## Overview

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What is North Macedonia doing to boost energy investment?

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. The first four projects are solar power plants Pehčevo and Stipion, cogeneration facility Skopje, and a photovoltaic plant with gas engines.

Can North Macedonia develop solar energy?

The potential for solar energy development in North Macedonia is vast. With estimates suggesting that the country could harness up to 11 GW of solar PV capacity, there is significant room for growth.

How much solar power does Macedonia have in 2022?

By the end of 2022, the country had reached a photovoltaic capacity of approximately 144 MW, with projections indicating rapid growth in the coming years. In 2023 alone, North Macedonia saw an impressive increase in solar capacity, with new installations contributing to a total increase of 251% compared to the previous year.

What is a strategic investment in North Macedonia?

In 2020, North Macedonia passed the Law on Strategic Investments to encourage, attract, and create conditions for the implementation of strategic investments. Under the procedure, the government first decides to grant the status to a project. So far there are 12 on the list, of which the vast majority is for renewables.



## High-efficiency solar containerized solar power type in North Macedo

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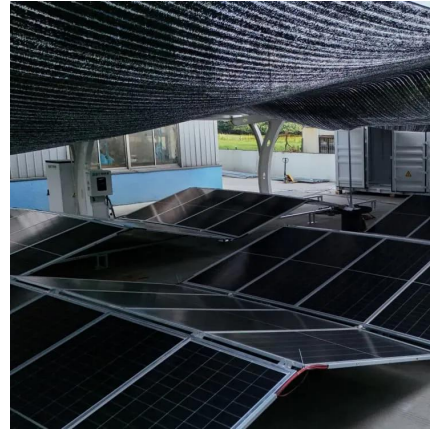


### [North Macedonia kicks off 30 MW solar tender](#)

Nov 28, 2024 · Elektrani na Severna Makedonija (ESM), a state-owned electricity company in North Macedonia, has launched a 30 MW solar tender for the design, procurement, ...

### **GEN-I Launches 12 Megawatt Solar Power Plant in North Macedonia**

Oct 3, 2024 · The new plant, one of the largest in the country, is expected to generate up to 15,500 megawatt hours of energy annually. As GEN-I's second-largest solar facility in North ...



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San Salvador containerized energy storage company We innovate with solar photovoltaic plant design, engineering, supply and construction services, contributing to the diversification of the ...

### [2MW Solar Plant in Macedonia](#)

Completed 2MW solar plant in Macedonia using high-efficiency polycrystalline panels, ensuring stable and efficient renewable energy ...



### [North Macedonia: Funding Secured for Three Solar Power ...](#)

Dec 25, 2024 · The Bitola 2 solar power plant is part of North Macedonia's efforts to increase the share of renewable energy in its grid. This facility will be built within the Bitola mining-energy ...



### [SOLAR PLANT TRANSFORMS NORTH MACEDONIA'S ...](#)

Jul 6, 2024 · - In North Macedonia, one of the largest solar power plants in the region is being built on the site of a former coal mine in Oslomej - the project has been identified by the Western ...



### [Electricity in North Macedonia in 2024/2025](#)

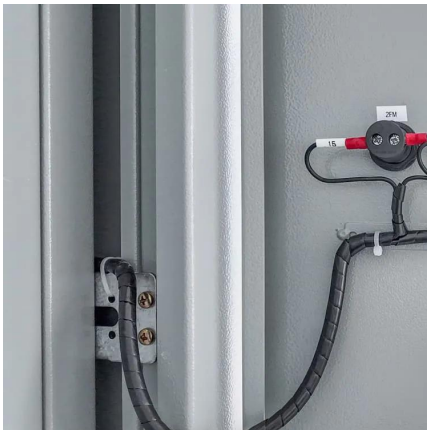
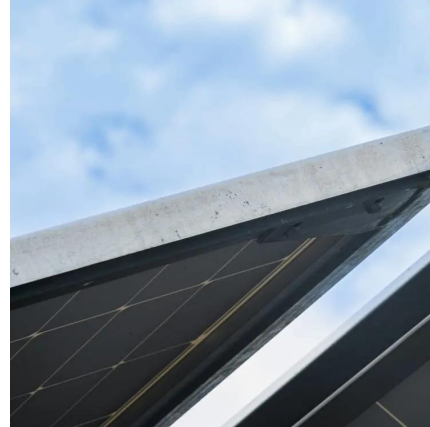
4 days ago · Over the past year, spanning from November 2024 to October 2025, electricity consumption in North Macedonia has been primarily ...





### [EU-funded solar plant starts operating in ...](#)

Jun 4, 2022 · The first large-scale solar plant in North Macedonia - financed with the support of the European Union, WBIF bilateral donors and the ...

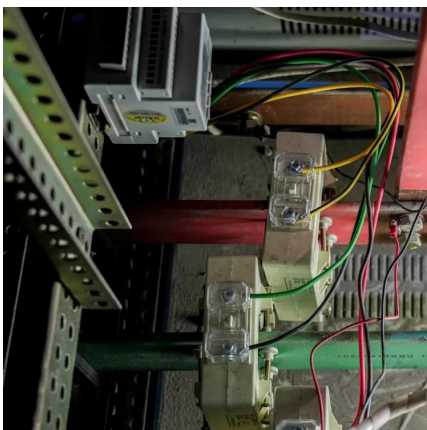


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Shortly after Akuo Energy's photovoltaic project of up to 400 MW in Stip was declared a strategic investment, the Government of North Macedonia gave the same status to two planned solar ...



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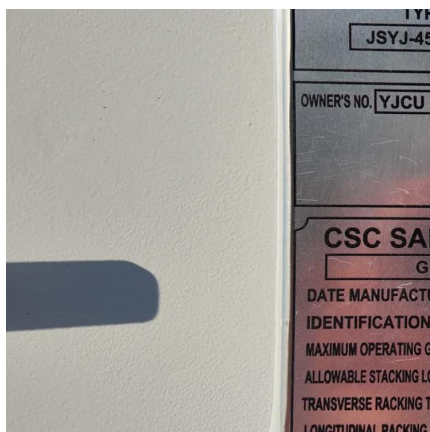


### [The energy sector in North Macedonia](#)

North Macedonia relies predominantly on fossil fuels (low-grade lignite and gas) and hydropower, and has for many years been dependent on the ...

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

Apr 26, 2025 · Strategic Solar Power Expansion in North Macedonia GEN-I's strategic entry into North Macedonia's energy market began in 2018, and the company quickly established a ...



### **North Macedonia**

Oct 10, 2025 · Studies Global Photovoltaic Power Potential by Country Specifically for North Macedonia, country factsheet has been elaborated, ...



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### **Large-Scale Solar Power Generation System in North Macedonia**

SunContainer Innovations - North Macedonia, a country with over 280 sunny days annually, has become a hotspot for solar energy development. The government's push toward renewable ...

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Feb 10, 2024 · Here at the GEN-I Group we have completed the construction of our second large solar power plant on the slopes of the foothills close to the town of Kavadarci in North ...



### **Fortis Energy upgrades Oslomej solar plant in North Macedonia**

Oct 27, 2025 · Oslomej Solar Power Plant in North Macedonia has added a 62 MW / 104 MWh BESS, marking Fortis Energy's move toward grid-firm hybrid solar operations by 2026.



### [2MW Solar Plant in Macedonia](#)

Completed 2MW solar plant in Macedonia using high-efficiency polycrystalline panels, ensuring stable and efficient renewable energy output.



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