## SOLAR PRO.

## North Macedonia solar turbines company

Who built the first solar plant in North Macedonia?

The 10MW solar plant, built on the site of the spent Oslomej lignite coal mine, was constructed by the public company JSC Elektrani na Severna Makedonija(ESM). This is the company's first solar plant in North Macedonia, developed with a view to diversifying energy sources and supporting decarbonisation.

Who produces electricity in North Macedonia?

The main entity in North Macedonia for electricity production is a state owned company Elektrani na Makedonija(ELEM), with ~70% of the total installed capacity. ELEM is the owner of the two large coal fired thermal power plants, Bitola and Oslomej.

How will a new solar plant help Macedonia?

Andi Aranitasi,EBRD Head of North Macedonia,said: "The new solar plant will help the country,which faces severe air pollution from coal,to reduce its reliance on ageing coal-fired infrastructure. It will also generate cheap electricity in times of very high market prices.

Is North Macedonia a state-owned power company?

North Macedonia's state-owned power company was unbundled and partially privatized in the early 2000s. Austrian utility company EVN has been responsible for electricity distribution in North Macedonia since entering the market in 2006.

Is North Macedonia a good place to invest in green energy?

Dimitar Kova?evski, Prime Minister of North Macedonia: "It is really a great pleasure to be here today, where once a big environmental polluter was located and now we are producing green energy. The benefits of this investment are manifold.

Where is Gen-I solar power plant located?

Slovenia-based GEN-I connected its 17 MW solar power plant southeast of Skopje to the grid four months before the deadline. It is the largest photovoltaic facility in North Macedonia and the Western Balkans.

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After a 45 MW facility in Bosnia and Herzegovina entered a trial phase, Mey Energy announced that it has finished its 55 MW solar power plant in the municipality of Novaci in North Macedonia, in the heart of the country's coal industry.

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



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projects are solar power plants Peh?evo and Stipion, cogeneration facility Skopje, and a photovoltaic plant with gas engines.

The Slovenian Gen-I Group has inaugurated a solar power plant with an installed capacity of 12 MW near Kavadarci, North Macedonia. This facility is expected to generate up to 15,500 MWh of electricity annually, significantly contributing to the country's decarbonization efforts.

North Macedonia is advancing its renewable energy program by building two photovoltaic power plants in its technology-industrial zones, BalkanEngineer has learned from Mia.mk. With a total capacity approaching 8 MW, these installations represent a significant step towards strengthening the country"s energy infrastructure and advancing ...

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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 Macedonia, this project will play a crucial role in supporting the decarbonisation of the local energy system, helping the country move towards a more sustainable future.

North Macedonian state-owned power utility Elektrani na Severna Makedonija published a call for a contractor. The selected company would build two solar power facilities, of 10 MW and 20 MW in capacity, in two areas with coal mines and thermal power plants.

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