

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.

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.

How much solar power does North Macedonia have?

Solar power Built on a former lignite open pit mining site, North Macedonia's Oslomej solar park will have an installed capacity of 120 MW when fully completed. © Ciril Jazbec

Should North Macedonia accelerate the transition to renewables?

Like others in the region, North Macedonia must balance its need to rapidly accelerate the transition to renewables to secure its energy future with the need to ensure that future is one where both the country's nature and people thrive.

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

Dimitar Kovačevski, 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.

Does North Macedonia need a coal phase-out?

Even though the country has historically been dependent on lignite coal mining for around 30% and gas imports for an additional 15% of its electricity production, it has nonetheless set very ambitious goals for decarbonization. As part of the Powering Past Coal Alliance, North Macedonia has committed to a coal phase-out by 2027.

The European Union and WBIF bilateral donors, together with the European Bank for Reconstruction and Development (EBRD), are consolidating their support for solar energy projects in North Macedonia with grant financing for the first large-scale solar plant.

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The government of North Macedonia has recently improved the net metering scheme for solar installations and has launched a EUR1 billion rebate scheme to support the deployment of rooftop PV ...

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 Investment ...

With its abundant sunlight and favorable climate, the country is well-positioned to harness solar energy through photovoltaics (PV). This article explores the current state of solar energy in North Macedonia, the opportunities for growth, and the challenges that must be addressed to ...

A Renewable Energy Future in North Macedonia: A Blueprint for Accelerating the Transition Research identifies twice the land needed to meet the country's electricity demand without unduly impacting nature and communities.

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The first photovoltaic power plant in the country that simultaneously produces electricity from the sun and the reflection of light was installed in Negotino by EVN Macedonia at the end of 2020.



North Macedonia sistema de iluminacion solar

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