

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

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.

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 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.

What is North Macedonia's Energy Strategy?

Integration and security of energy markets: the Strategy is aiming to ensure that North Macedonia is even stronger integrated into European markets, protect today's levels of energy dependence and provide necessary flexibility for higher RES integration.

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The North Macedonian state-owned power utility ESM plans to build 1 GW of solar PV capacity either through direct investments or public-private partnerships (PPPs). The company aims to shift its power generation to renewables. The installed power capacity of North Macedonia reached 1.9 GW at the end of 2020.

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 (EBRD) has been connected to the power ...

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North Macedonia has considerably expanded its renewable energy capacities through a self-consumption scheme and has progressed on energy efficiency with a focus on finalising the

Supporting the transition to solar energy in North Macedonia Oslomej 2 and Bitola Solar Photovoltaic Power Plants, a 30 MW photovoltaic project, is a flagship project in the Economic ...

Decarbonisation plans in North Macedonia are taking a big leap forward. The European Union (EU) is supporting ESM, the state-owned electricity company, to implement a 30 MW photovoltaic (PV) project consisting of 10 ...

Increasing the share of the energy from renewable energy sources (RES) in the total energy consumption is one of the major strategic objectives of the Government of the Republic of ...



North Macedonia trust solar energy

A recent study by The Nature Conservancy (TNC), in collaboration with local stakeholders, highlights North Macedonia's vast renewable potential--11 GW for solar and 0.35 GW for wind. This could supply 7.7 terawatt-hours annually, covering the nation's projected electricity needs by 2030.

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