

The results of the study are unambiguous: North Macedonia has an enormous untapped potential for renewable energy development. Even when completely excluding all important bird and plant areas, the potential comes to ...

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 ...

The Macedonian government is targeting to deploy 250 MW of rooftop PV capacity by 2030, according to its National Energy and Climate Plan (NECP). North Macedonia is currently also supporting...

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.

"The huge sustainable energy potential of North Macedonia, especially through wind and solar energy, is an enormous opportunity for the country, which is important in the advancement of the Green Agenda", emphasized Holger Schröder from the European Commission's Directorate for Neighbourhood Policy (DG NEAR).

Solar power plants are planned to be built within public-private partnerships in the TIDZ industrial zones in North Macedonia. They are set to supply manufacturers exporting their products to the European Union, enabling them to avoid the CBAM carbon border tax.

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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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.

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,



## North Macedonia segs solar energy

significantly contributing to the country's decarbonization efforts.

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.

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