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# North Macedonia Chuangjie New Energy Station

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.

What are the challenges facing North Macedonia?

Greenhouse gas emissions in N. Macedonia are in 2016 around 11Mtons of CO2 and in energy sector 7,66Mtons of CO2 equivalent. While North Macedonia has significant renewable energy potential, there are challenges associated with increasing the share of renewable energy in the country's energy mix. Some of the challenges include:

How does North Macedonia generate electricity?

North Macedonia has historically relied on hydropower for a significant portion of its electricity generation. The country has utilized its rivers to develop hydropower plants. There have been also efforts to harness wind energy, and several wind projects have been proposed or are under development.

What if North Macedonia used its technical potential?

As we can see, if North Macedonia would use its entire technical potential, it would increase the generating power by 321%. North Macedonia has calculated a potential emission reduction of 30% by 2030. Greenhouse gas emissions in N. Macedonia are in 2016 around 11Mtons of CO2 and in energy sector 7,66Mtons of CO2 equivalent.

Macedonia is entering a crucial phase of energy system transformation: the country is not only investing in the stability and modernization of its own grid, but has also become an active ...

A contract has been signed for the construction of the Macedonian section of the North Macedonia-Greece gas pipeline interconnector, a project of strategic importance for the ...

North Macedonia has shown an increasing interest in renewable energy sources to diversify its energy mix, reduce dependence on fossil fuels, and meet environmental targets.

As part of the Powering Past Coal Alliance, North Macedonia has committed to a coal phase-out by 2027. It was also the first contracting party to the Energy Community to ...

The US-based Pomega Energy Storage Technologies, specialising in lithium iron phosphate battery production, will install a 62-megawatt (MW)/104-megawatt-hour (MWh) battery energy ...

Increasing the clean energy storage capacity for creating jobs and balancing the country's energy system. Increasing renewables penetration rates and the role of energy ...

One megawatt per day: North Macedonia enjoys strong renewable energy growth 10

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November 2025 - According to regulator data, in North Macedonia, an average of almost ...

North Macedonia is undergoing a decisive energy transition, rapidly transforming its energy mix through photovoltaics (PV), which is becoming the fastest-growing renewable ...

North Macedonia has shown an increasing interest in renewable energy sources to diversify its energy mix, reduce dependence on fossil fuels, ...

Weekly Briefing, Vol. 78. No. 1 (MK) November 2024 Charting Macedonia's Energy Trajectory in 2024 and beyond Gjorgjioska M. Adela Summary Since assuming office in June ...

One megawatt per day: North Macedonia enjoys strong renewable energy growth 10 November 2025 - According to regulator ...

That's exactly what North Macedonia is aiming for with the Skopje Energy Storage Power Station, a grid-scale battery project that's turning heads across the Balkans. But here's ...

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