

## **NKOSITHANDILEB SOLAR**

# **What are the new energy base stations in North Macedonia**



## Overview

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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.

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 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 CO<sub>2</sub> and in energy sector 7,66Mtons of CO<sub>2</sub> equivalent.

Will lignite mine be phased out in North Macedonia?

According to the Energy Strategy it is phased out in all three scenarios. It is being replaced by a 120 MW of solar photovoltaics on top of the now depleted lignite mine. North Macedonia adopted its first National Energy and Climate Plan (NECP) in June 2022.

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North Macedonia is on the verge of significant changes in its energy sector, laying the foundation for energy independence. At a time ...

Opportunities North Macedonia welcomes investments in the energy sector. The government invites companies to design, build, and operate new large and small hydro power ...

North Macedonia launches decarbonization guide for small businesses 22 October 2025 - The Economic Chamber of North Macedonia, with the EU's support, has developed the ...

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 ...

North Macedonia relies predominantly on fossil fuels (low-grade lignite and gas) and hydropower, and has for many years been dependent on the ...

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North Macedonia stands at a pivotal juncture in its energy transition journey, blending ambitious renewable targets with a supportive policy ...

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 ...

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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.

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North Macedonia launches decarbonization guide for small businesses 22 October 2025 - The Economic Chamber of North ...

Skopje, 30 June 2025 (MIA) - Macedonia is entering a key stage in the transformation of the energy system, not only investing in the stability and ...

North Macedonia is on the verge of significant changes in its energy sector, laying the foundation for energy independence. At a time when global energy challenges are ...

Skopje, 30 June 2025 (MIA) - Macedonia is entering a key stage in the transformation of the energy system, not only investing in the stability and modernization of its own network but ...

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 ...

## Contact Us

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### **NKOSITHANDILEB SOLAR**

Phone: +27-11-934-5771

Email: [info@nkosithandileb.co.za](mailto:info@nkosithandileb.co.za)

Website: <https://nkosithandileb.co.za>

*Scan QR code to visit our website:*

