

North macedonia microgrid energy storage

Renewable energy, in the form of solar, wind, hydro, geothermal, and bioenergy, not only reduces greenhouse gas emissions but also safeguards our planet's fragile ecosystems. It represents a paradigm shift, where our energy needs can coexist harmoniously with the Earth's natural systems.

Elektrani na Severna Makedonija (ESM), a state-owned electricity company in North Macedonia, has launched a 30 MW solar tender for the design, procurement, construction, commissioning, and handover of two solar plants. The deadline for applications is Jan. 17, 2025.

North Macedonian electricity producer ESM has launched a tender for the design, procurement, construction, commissioning and handover of two solar plants totaling 30 MW.

The two projects are a 10 MW solar plant, Oslomej 2, located at an abandoned coal mine near North Macedonia's western border, and a 20 MW solar project, Bitola, to be developed next to the existing Bitola thermal power plant near the southern border.

The EBRD says on its website that the two plants are expected to annually produce 50 GWh of electricity combined, equivalent to the energy demand of 8,500 households.

According to the tender notice, the full tender details can be accessed by logging into EBRD's procurement portal. The deadline for applications is Jan. 17, 2025.

North Macedonia had deployed 535 MW of solar at the end of 2023, up from 190 MW at the end of the year prior, according to figures from the International Renewable Energy Agency (IRENA).

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The Macedonian government increased the size limit for PV installations under net metering, launched a EUR1 million rebate scheme, and is now planning to eliminate all grid fees for prosumers.



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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 systems under the scheme.

The Ministry of Economy improved the net metering regime by increasing the maximum size for residential PV systems eligible to inject surplus power into the grid from 4 to 6 kW and from 20 to 40 kW for commercial solar arrays.

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