

# NORTH MACEDONIA POWER HAS ENERGY STORAGE BUSINESS



How renewable is North Macedonia? According to the International Renewable Energy Agency (IRENA), North Macedonia increased the production of energy from renewable sources to 827 MW last year, which is up by an annual 10.1% and is in line with the global average of 10.3% growth.



How many power plants are there in North Macedonia? The electric power production system in North Macedonia consists of two coal power plants with a total installed capacity of 825 megawatts (MW), several hydro power plants with a total installed capacity of 695 MW, one combined generation power plant, a heavy oil plant, solar power plants, a few biogas plants, and two wind power farms.



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.



Does North Macedonia still have a coal power plant? The smaller coal power plant, REK Oslomej, which was dormant through 2020, was reactivated in 2021 to help North Macedonia reduce its reliance on electricity imports. ESM refurbished the REK Bitola coal power plant boilers in 2017, but its equipment is still largely outdated.



What is North Macedonia's Energy Strategy? As the world moves towards decarbonisation and green energy, North Macedonia is executing an ambitious national energy strategy, which foresees a 66% reduction of greenhouse gas emissions from the energy sector compared to 1990 by 2030.

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How is electricity produced in North Macedonia? North Macedonia is a net importer and domestic electricity is produced almost entirely from ESM's power plants. Electricity imports amount to approximately 20-30% of the total domestic electricity consumption and are mostly required to meet peak winter demand.



Minister Sanja Boškovski rekindles initiative for pumped storage hydropower capacities. In a recent interview, North Macedonia's Minister of Energy, Mining and Minerals Sanja Boškovski said projects are under way.



The draft Law on Energy, the first new version after five years, stipulates that the status of a strategic project, eligible for state aid, can be declared for high-voltage power lines, energy storage, key equipment and other.



Turkish renewables company Fortis Energy has contracted Pomega Energy Storage Technologies to install a 62-MW/104-MWh battery at the site of a 80-MWp solar park it operates in North Macedonia. Renewables are growing.



Prime Minister Hristijan Mickoski revealed in an interview with state news agency MIA that the Government of North Macedonia is in final negotiations with a company from "a very powerful" European Union member state for an investment.

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The electric power generation capacity in North Macedonia in 2023 mainly consisted of two coal thermal power plants with a total of 824 MW installed capacity, ten large hydropower plants with 587 MW installed capacity, 124 ???



Hydrogen Utopia International PLC, a company specialising in converting non-recyclable mixed waste plastic into hydrogen and other carbon-free fuels, new materials or distributed renewable heat, is pleased to ???



The country has signed the memorandum on the North Macedonia ??? Serbia interconnector and the preparation of the feasibility study is underway. This pipeline, in her words, could be a transit route for the transportation of ???



Turkish company Fortis Energy has announced plans to integrate battery storage capacity at the Oslomej solar power plant, making it the second-largest hybrid power facility in the Western Balkans. Fortis Energy developed ???

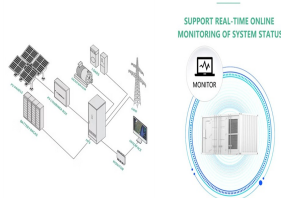


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As North Macedonia transitions to a more sustainable energy future, the role of solar energy has become increasingly significant. With its abundant sunlight and favorable climate, the country ???



"There is a pumped storage hydropower plant ??ebren project, and we are also a country with many sunny days. So, our goal is to make a combination of renewables and hydropower. In addition, regarding baseload ???



North Macedonia's significant growth in solar power capacity has led to an increase in the newly installed renewable electricity capacity. Thus, the surge in the production of electricity from ???



As a result of the adoption of a new Energy Law that came into force in August 2018, the same year was founded the national electricity market operator ??? MEMO DOOEL, Skopje. MEMO is a company fully owned by the Operator of ???



The state-owned electricity company of North Macedonia, Elektrani na Severna Makedonija, has published a call for a contractor, and the selected company would build two solar power plants, with a capacity of 10 MW and 20 ???