

PEES Power Systems

Macedonia Wind Solar and Energy Storage Power Station



Overview

You know how people say renewable energy is unreliable?

Well, North Macedonia's Skopje Pumped Storage Power Station just proved them wrong. Operational since Q2 2024, this €1.2 billion marvel can power 800,000 homes for 8 hours straight while stabilizing the Balkan grid. Minister of Energy, Mining and Mineral Resources. Battery licensing begins as 60 MW milestone nears, and 4 GW of storage proposals await review. Packed with insights into solar, wind, hydro, and storage developments, regulatory frameworks, and investment opportunities, it is designed to inspire and inform decision- Western Balkans' energy transition¹. By 2023, renewables accounted for 50% of the. Summary: Explore how the Bitola photovoltaic power station with integrated energy storage system addresses renewable energy challenges while creating new opportunities in solar power generation and grid stability. Find out more in our daily focus, 15–18 September.

Macedonia Wind Solar and Energy Storage Power Station



Solar and storage opportunities in the North Macedonia power market

A new energy law adopted in May 2025 is expected to further accelerate the uptake of battery storage. State-led solar and wind projects, along with investments in grid infrastructure and ...

The Skopje Energy Storage Project: Powering North Macedonia's ...

A city where sudden power outages become as rare as unicorn sightings, and solar panels work overtime even after sunset. That's the promise of the Skopje Energy Storage Project - ...



North Macedonia issues first big battery licenses, as 60 MW landmark

The 2.6 MW BESS projects are just the start of battery storage in the country with YESS Power, a Turkey-based contractor, planning to commission a 60 MW BESS project in North ...

Huawei North Macedonia Wind Solar and Energy Storage Project

Are there any strategic projects or investments currently underway involving solar, wind, or hydro power that the Agency considers of national or regional importance?



A new step towards clean, renewable energy in North Macedonia

North Macedonia's efforts to decarbonise the energy sector received another boost with the signing of a grant agreement on 18 March 2024 to increase the capacity of Bogdanci Wind Park.

North Macedonia unveils EUR 5.7 billion plan for new power plants

North Macedonia's plan for 2026 includes 67 power plant projects of at least 1 MW each, for investments totaling an estimated EUR 3.74 billion, and 96 accepted proposals for standalone ...



NORTH MACEDONIA



RENEWABLE ENERGY MARKET

This report, "North Macedonia Renewable Energy Market - 2025 Update", has been produced by Invest In Network as part of the Energy Week Western Balkans 2025 framework.

North Macedonia unveils EUR 5.7 billion plan for new power plants

The ministry approved 67 power plant projects, for facilities of at least 1 MW each, on a first-come, first-served basis. Another section is for co-located energy storage systems and standalone ones of 1 ...



Skopje Pumped Storage Power Station: The Linchpin of Balkan's ...

You know how people say renewable energy is unreliable? Well, North Macedonia's Skopje Pumped Storage Power Station just proved them wrong. Operational since Q2 2024, this EUR1.2 billion marvel ...



Macedonia Bitola Photovoltaic

Power Station with Energy Storage: A

Summary: Explore how the Bitola photovoltaic power station with integrated energy storage system addresses renewable energy challenges while creating new opportunities in solar power generation ...



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