

## North Macedonia Industrial and Commercial Energy Storage EMS Management System

How much will ESM invest in North Macedonia?

The investment is estimated to be over \$1 billionand will be crucial for balancing the electricity system. ESM owns and operates North Macedonia's 36.5 MW wind park in the southern part of the country, and a private company completed construction of another 36 MW wind park.

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 ESM refurbished the "REK Bitola" coal power plant boilers in 2017, but its equipment is still largely outdated.

How many power plants are there in North Macedonia?

The electric power production system in North Macedonia consists of twocoal 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.

What changes did North Macedonia make to its energy policy?

While there were no other major energy legislative changes, North Macedonia continues to harmonize its energy sub-regulations with the EU Energy Community's Third Energy Package (TEP).

Why did North Macedonia come out of the winter 2022 energy crisis?

North Macedonia came out of the winter-2022 energy crisis, driven in part by the war in Ukraine and lack of diversity in gas suppliers, with a better appreciation for the importance oof resilience and redundance in the energy sector.

That's the promise of the Skopje Energy Storage Project - North Macedonia's answer to the \$33 billion global energy storage industry [1]. Designed for tech-savvy policymakers and renewable ...



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