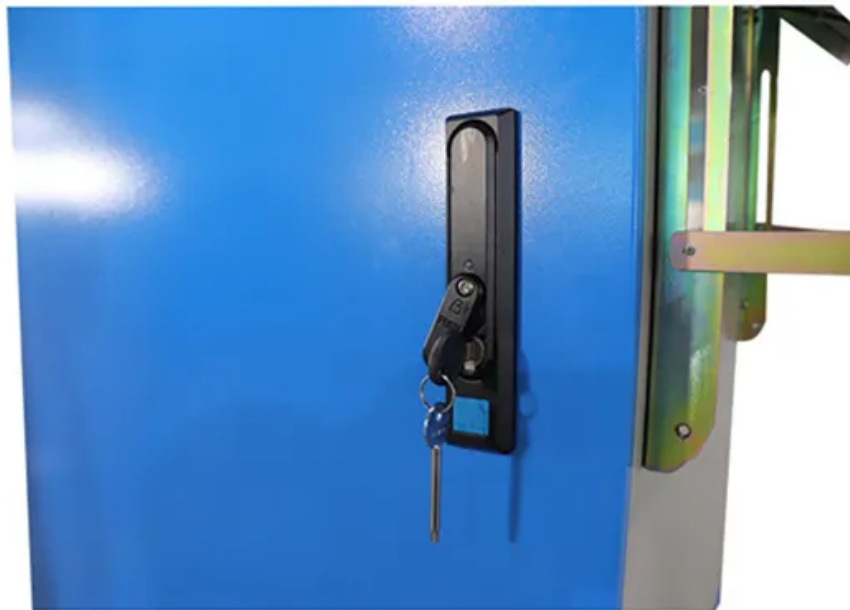


SolarInnovate Energy Solutions

North Macedonia Photovoltaic Energy Storage System Production Plant



Overview

The US-based Pomega Energy Storage Technologies, specialising in lithium iron phosphate battery production, will install a 62-megawatt (MW)/104-megawatt-hour (MWh) battery energy storage system (BESS) at the Oslomej 80-megawatt-peak (MWp) solar plant in North Macedonia, operated by the Turkish renewables company Fortis Energy. Who built the first solar plant in North Macedonia?

The 10MW solar plant, built on the site of the spent Oslomej lignite coal mine, was constructed by the public company JSC Elektrani na Severna Makedonija (ESM). This is the company's first solar plant in North Macedonia, developed with a view to diversifying energy sources and supporting decarbonisation.

How will a new solar plant help Macedonia?

Andi Aranitasi, EBRD Head of North Macedonia, said: "The new solar plant will help the country, which faces severe air pollution from coal, to reduce its reliance on ageing coal-fired infrastructure. It will also generate cheap electricity in times of very high market prices.

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.

Is North Macedonia a good place to invest in green energy?

Dimitar Kovačevski, Prime Minister of North Macedonia: "It is really a great pleasure to be here today, where once a big environmental polluter was located and now we are producing green energy. The benefits of this investment are manifold.

How did Italy support the Oslomej 1 solar power plant?

In addition, Italy supported the project by financing the technical feasibility assessment. The Oslomej 1 solar power plant is one of the 21 flagship projects in the Western Balkan region, selected for the EU financing in 2022 through the WBIF.

What is the Oslomej 1 solar power plant?

The Oslomej 1 solar photovoltaic power plant is part of a larger effort to clean up the site, diversify energy sources and support decarbonisation. The €8.8 million investment is supported jointly by WBIF bilateral donors and the EU, in line with the 'Team Europe' approach.

North Macedonia Photovoltaic Energy Storage System Production P



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