

# Energy-efficient solar system installation in North Macedonia



51.2V  
200Ah/300Ah  
LiFePO4 battery

## Overview

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North Macedonia's new Law on Energy Efficiency brings a long-term strategy for the reconstruction of buildings and the obligation to set up solar collectors on public buildings. It envisages financial support for investments in solar panels, geothermal systems and smart . Public buildings in North Macedonia will soon be required to install solar systems, following recent amendments to the Energy Efficiency Law. This strategic move aims to tackle growing energy demands, accelerate the nation's transition to renewable energy, and critically, ensure the long-term . Construction of the North Macedonia-Greece gas interconnector began July 9, 2025, with an estimated project duration of 22 months.

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### [Law on Energy Efficiency Adopted: Lower Bills, Cleaner Air and](#)

The adoption of this law establishes a legal, economic and social framework that reduces costs for citizens and businesses, accelerates the integration of renewable sources and enables the

### [North Macedonia mandates solar systems for public buildings to boost](#)

Public buildings in North Macedonia will soon be required to install solar systems, following recent amendments to the Energy Efficiency Law. The changes aim to harmonize national policy with EU



### **North Macedonia's energy**

While hydropower traditionally dominated North Macedonia's renewable sector, PV systems have led the expansion between 2022 and 2024, marking an unprecedented growth period

### **North Macedonia**

The government intends to further increase solar energy capacity from the current 848 MW to 1,500 MW. It also expanded the net metering system, allowing households to install solar



### **The technical potential of solar**



## power in North Macedonia is

With increasing national focus on renewable energy and strong solar exposure, North Macedonia is becoming an attractive market for residential, commercial, and utility-scale solar projects.

### North Macedonia solar panels: Impressive 2024 Energy Plan

The efficiency of these installations depends heavily on the solar panel manufacturing process and the quality of the components used. The legislation also includes provisions for



### North Macedonia adopts Law on Energy Efficiency

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### North Macedonia Solar Energy Newswire

North Macedonia's cumulative solar capacity passed the 1 GW milestone in 2025, with the market currently led by utility-scale and C&I installations. Looking ahead, all market segments are



## NORTH MACEDONIA

In September 2025, the Parliament of North Macedonia adopted amendments and additions to the Law on Energy Efficiency. These changes aim to harmonise national legislation with the Clean Energy

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