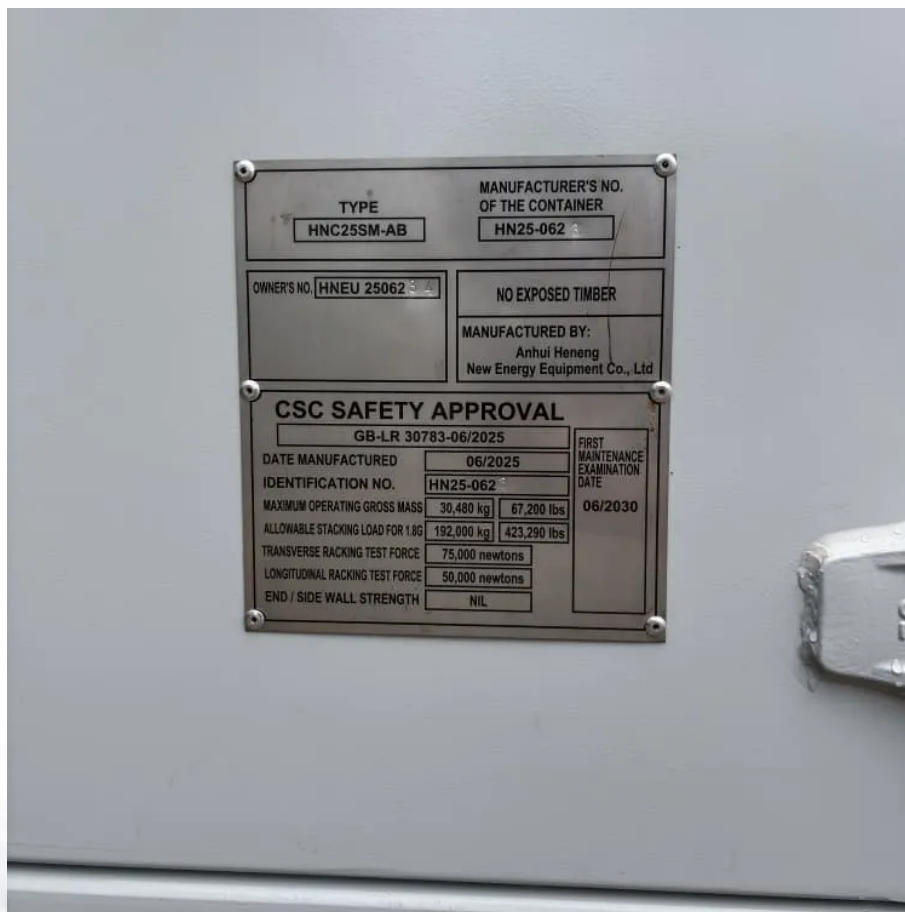


North Macedonia grid-connected solar photovoltaic panels





Overview

Can North Macedonia develop solar energy?

The potential for solar energy development in North Macedonia is vast. With estimates suggesting that the country could harness up to 11 GW of solar PV capacity, there is significant room for growth.

Who built the largest solar power plant in North Macedonia?

Slovenia's energy group GEN-I completed the construction of the largest solar power plant in North Macedonia and connected it to the grid in September, four months ahead of the government's deadline.

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.

What are the benefits of expanding solar energy capacity in North Macedonia?

One of the most compelling benefits of expanding solar energy capacity in North Macedonia is its potential to enhance energy independence. In 2021, approximately 33.2% of North Macedonia's electricity consumption was covered by imports.

Why is Gen-I launching a solar power plant in North Macedonia?

The start of operation represents an important milestone for the expansion of GEN-I in the implementation of large solar power plant projects and the production of carbon-free electricity as well as a key contribution to the so-called Green Scenario of North Macedonia under the Strategy for Energy Development.

Should North Macedonia accelerate the transition to renewables?



Like others in the region, North Macedonia must balance its need to rapidly accelerate the transition to renewables to secure its energy future with the need to ensure that future is one where both the country's nature and people thrive.



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[Solar Energy in North Macedonia: Opportunities With Photovoltaics](#)

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 ...

[Photovoltaic solar energy system production in North Macedonia](#)

Where is Gen-I solar power plant located?
Slovenia-based GEN-I connected its 17 MW solar power plant southeast of Skopje to the grid four months before the deadline. It is the largest ...



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