

# Can Bulgarian photovoltaic modules be exported







#### **Overview**

How are solar PV projects promoted in Bulgaria?

Large-scale, commercial and industrial PV projects in Bulgaria are promoted through premium agreements. All solar PV plants with capacity of 4 MW and higher can apply for them. Premium agreements are concluded with the Energy Security System Fund (ESSF). RES producers also sign contracts with the National Electricity Company (NEK).

How regulated is Bulgaria's electricity transmission & distribution?

Introduction to renewables sector Bulgaria's electricity transmission and distribution remains highly regulated.

Why is energy storage important in Bulgaria?

In 2023, the Bulgarian Parliament introduced specific legislative amendments regulating the electricity storage. The rationale behind the amendments is to provide balance and flexibility to the power system. Energy storage is a crucial step for low-carbon economy since it enhances the security of supply and the development of renewables capacity.

How can Bulgaria achieve net-zero emissions?

To achieve net-zero emissions, renewables must replace thermal power plants, which contributed 45% of electricity production in 2022. Bulgaria exported 11,639 gigawatt hours but imported 1,154 gigawatt hours of electricity in 2022.

What support schemes are available in Bulgaria?

The support schemes in Bulgaria include premium contracts and a feed-in tariff scheme. Premiums apply to capacity over 4 MW, while FITs are reserved for smaller investors. Large-scale, commercial and industrial PV projects in Bulgaria are promoted through premium agreements. All solar PV plants with capacity of 4 MW and higher can apply for them.



## Is Bulgaria a regulated country?

Bulgaria's electricity transmission and distribution remains highly regulated. The high voltage transmission grid is operated by the state-owned Electricity System Operator EAD ('ESO') certified as an Independent System Operator in 2015 by the Energy and Water Regulatory Commission ('EWRC') being the national regulatory authority for utilities.



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## <u>Solar Factory in Bulgaria: How to Hire & Train Your Team</u>

This article provides a realistic assessment of the Bulgarian labor market for photovoltaic (PV) production. It examines the availability of skilled personnel, typical wage structures, and ...

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