

## Solar Energy South Africa

# 2025 Photovoltaic Panel Subsidy Policy



## Overview

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How many solar power plants will be installed by 2025?

The strategy puts forward a target of over 320 GW of newly installed solar photovoltaic capacity by 2025, and almost 600 GW by 2030. These frontloaded additional capacities are expected to displace the consumption of 9 BCM of natural gas annually by 2027. Commission's permitting package (legislative proposal, recommendation and guidance).

Are EU solar manufacturing subsidies appropriate?

EU solar manufacturing subsidies are not appropriate based on criteria of European production alone. Subsidies could, however, be justified on innovation grounds, by supporting new solar products that have a real chance to develop into sustainable industries that contribute to climate goals.

How do government subsidies affect solar PV development in Europe?

The deployment of much utility-scale solar PV across Europe is driven by government auctions or subsidies<sup>30</sup>. To stimulate innovation, governments might increase available subsidies if developers can demonstrate certain characteristics of the manufactured panels.

What happened to solar panels in 2023?

In 2023, the solar photovoltaic sector in the EU and globally saw the prices of the panels plummet from circa 0.20 €/W to less than 0.12 €/W. This unsustainable situation is weakening the viability of existing European production and jeopardises planned investments for new manufacturing plants announced over the last 2 years.

Will the EU increase its solar power capacity by 2030?

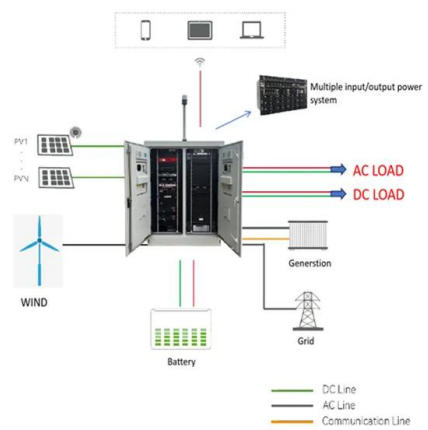
Executive summary The European Union plans a major increase in solar PV capacity from 263 GW today to almost 600 GW by 2030. If nothing changes, this expansion will be based almost exclusively on solar panels imported from

China, which supplies over 95 percent of solar panels used in the EU.

How many solar panels are there in the EU in 2021?

According to the International Renewable Energy Agency (IRENA), in 2021 the estimated installed solar PV capacity in the EU was over 158 GW, compared with over 306 GW in China and almost 94 GW in the US. China is currently the world's leader in solar energy production.

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### Pakistan Government Incentives and Policies for Solar ...

The expensive costs of solar panel installation Inadequate grid infrastructure Responding to this, the Engineering Development Board (EDB) is formulating a Solar Panels Policy. Overall, the policy is made to promote and ...

### Solar Panel Subsidy in Maharashtra, 2024

The solar project subsidy in Maharashtra is managed by MEDA. Maharashtra's installed solar energy capacity now accounts for more than 1800 MW and rooftop solar is near 230 MW. It has the fourth-highest installed ...



### Smarter European Union industrial policy for solar ...

The EU has agreed in principle a non-binding 40 percent self-sufficiency benchmark for solar panels and other identified strategic technologies, to be approached or achieved by 2030. However, for the solar sector ...

### Commission supports European photovoltaic ...

The European Solar Charter marks the latest step in the Commission's actions to support solar

panel manufacturing in Europe. Previous measures include, amongst others, a proposal for a Net-Zero Industry Act, ...



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