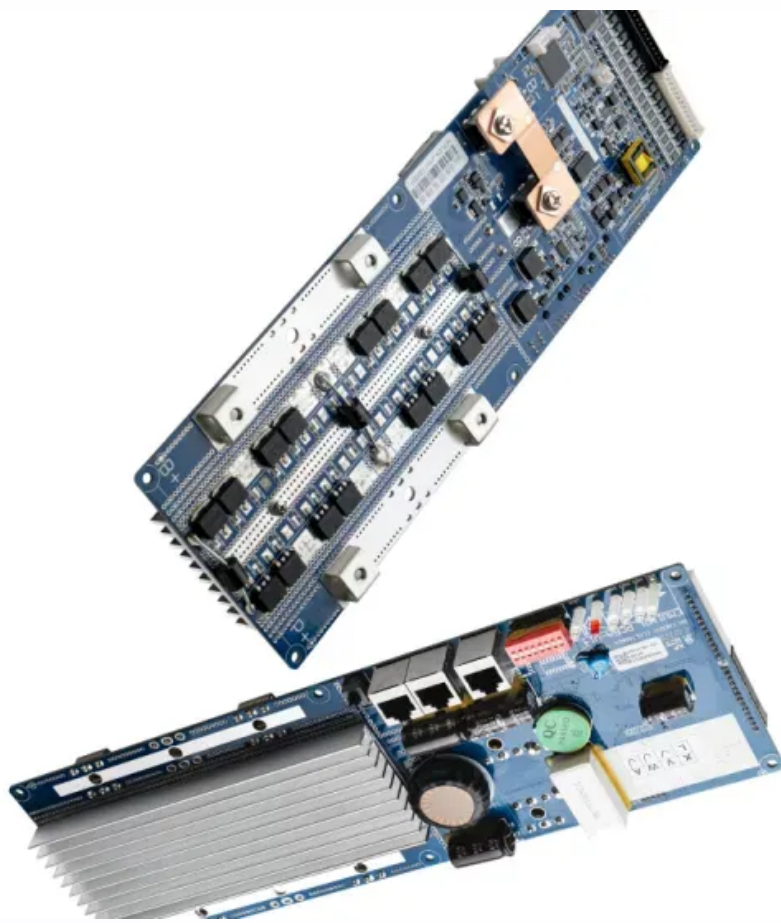


# Ukraine renewable energy growth



## Overview

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According to estimates by Boston Consulting Group, the share of renewable sources in Ukraine's electricity production mix could double by 2040 — from the current 15% (as of 2022) to 28%, with further growth potential. Ukraine's National Renewable Energy Action Plan, adopted in August 2024, sets renewable energy targets of 27% of electricity consumption and 25% of generation (2022: 14). To achieve this, the plan foresees a total installed capacity of 12.2 GW of solar energy (5GW of. Beyond reinforcing energy security, our strategic goals align with European Union standards and our commitment to a global sustainable, low-carbon future. It played a crucial role during mass power outages. Despite the challenges posed by the war and damage to infrastructure, the industry demonstrates resilience, restores its capacities and attracts investment. This progress is not just a long-term goal but a critical, immediate strategy for rebuilding the energy sector and enhancing energy security amid.

## Ukraine renewable energy growth

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### [Renewable energy in Ukraine](#)

Renewable energy use in Ukraine started from a relatively low base in 2016, but until the 2022 invasion its use was growing in all sectors. Overall in 2017 Ukraine 6.67% of total energy consumption in the country was ...



### [Lessons to be learnt from Ukraine's renewable energy transition](#)

In a world where renewable energy capacity grew by 50% globally last year, Ukraine has the space, skills, permitting regime and weather conditions to produce almost 19,000 TWh of solar and wind ...



### [EU Support Powers Ukraine's Renewable Energy Growth](#)

Building on over EUR2 billion of EU support provided over the past 3 years, these new measures, including the accelerated expansion of renewable energy, will further strengthen Ukraine's energy resilience and ensure ...



### [Renewable energy in Ukraine 2025: analysis and outlook](#)

In 2025, Ukraine continues the development of renewable energy as the foundation of energy security. Key priorities include decentralisation, storage technologies, and attracting investment. Solar, wind, and ...



### [Ukraine renewable energy: Impressive surge proven in 2025](#)

Ukraine possesses immense renewable energy potential, particularly in wind and solar power. The country's post-war reconstruction plan includes an ambitious target of achieving 27.1% renewable ...



### [SNAPSHOT: UKRAINIAN RENEWABLES MARKET](#)

Ukraine's National Renewable Energy Action Plan, adopted in August 2024, sets renewable energy targets of 27% of electricity consumption and 25% of generation (2022: 14.3%), to be achieved by 2030.



## Powering the Future: How Ukraine's Energy Rebuild Could Spark a

But beyond immediate repairs, Ukraine's government and European partners are pushing for a greener reboot: smart grids, decentralised generation, renewable integration, and energy efficiency upgrades.



### **Renewable energy**

Given Ukraine's high average wind speed, significant solar energy potential, and increasing volume of agricultural waste, the country's renewable energy sector has substantial growth potential. Before the full-scale invasion, ...

## FROM RECONSTRUCTION TO DECARBONIZATION IN UKRAINE

Ukraine's Clean Energy Roadmap provides comprehensive data and estimations, inviting global participation and encouraging others to join the transformation of Ukraine's energy sector toward a sustainable, decarbonized ...



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