



Solar360 Mobile Energy

Containerized renewable power quotation in Ukraine 2025





Overview

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On 29 July 2025, the National Energy and Utilities Regulatory Commission (the “Regulator”) adopted a set of important amendments to implement mechanisms provided for in the primary legislation (an overview of the relevant primary legislation is available at Dentons - Ukrainian parliament approves.

In December 2024, Russia conducted its 12 th large-scale assault on Ukraine's energy infrastructure this year, damaging transmission grids and power facilities, especially in the western border regions (BBC News, 2024) From October 2022 to April 2023, 43% of Ukraine's main power grid was damaged.

The Cabinet of Ministers of Ukraine has adopted a decree on “Some issues of holding auctions for the allocation of renewable energy support quotas for 2025 and establishing indicative forecasts of annual support quotas for 2026-2029.” According to the press service of the Ministry of Energy, the.

This report is intended to provide independent technical perspectives to inform ongoing stakeholder discussions related to Ukraine's energy sector resilience and reconstruction. Neither the United States Government nor any agency, nor any of their employees, makes any warranty, express or implied.

This document outlines Ukraine's primary objectives in the energy sector, encompassing infrastructure rehabilitation, renewable energy source development, and the implementation of energy storage technologies. The NECP encompasses five key areas: decarbonization, energy efficiency, energy



security.

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. To achieve this, the plan foresees a total installed capacity of 12.2 GW of solar energy (5GW of. Should Ukraine build a decentralized and diversified energy system?

The Ukrainian government (2023) recently declared that building a decentralized and diversified energy system—one that is more resilient against military attacks or natural disasters and can enhance energy security while facilitating the transition to renewable energy sources (RES)—will be a key priority.

Why should we invest in Ukraine's energy sector decarbonization?

Investing in Ukraine's energy sector decarbonization and developing clean energy projects emerges as a pivotal opportunity. These investment opportunities allow us to achieve a clean, environmentally sustainable energy landscape, significantly reducing emissions not only in Ukraine but also in Europe and globally.

Which energy projects are being implemented in Ukraine?

Solar and wind energy projects are prominently featured, with substantial investments and commitments to scale up their implementation in Ukraine.

Why is it important to make Ukraine's energy system green and decentralized?

The current challenging and violent times, coupled with the damage and destruction, necessitate Ukraine's transformation, making it critical to rebuild the energy system. This highlights the importance of making the energy system green and decentralized to strengthen the country's resilience.

How much energy does Ukraine need in 2022?

The decline in energy availability is stark: Before Russia's full-scale invasion on 24 February 2022, Ukraine produced 44.1 gigawatts hours (GWh) of electricity, mainly with nuclear, thermal, and hydroelectric plants (UNHR, 2024). Winter electricity needs stood at 26 GWh.

How will IEA bolster Ukraine's energy security in 2024?



In 2024, the IEA outlined ten actions to bolster Ukraine's energy security for the upcoming winter. Notably, action three emphasises that large energy assets are particularly susceptible to attacks, making decentralisation a strategic advantage.



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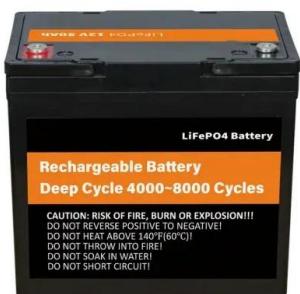


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To support a green and sustainable energy transition in Ukraine, it is crucial to eschew investment projects that could trap Ukraine in lock-in situations and instead promote a new, decentralised approach to energy ...



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