

Kongres Container

Ukrainian outdoor power production company



Overview

Does Ukraine have a solar power plant?

Ukraine's annual solar energy volume is higher than that of Germany, one of the industry leaders. From 2018 to 2020, solar energy capacity increased nearly fivefold. As of 2024, solar power plants account for about 75% of "green" energy production in Ukraine (excluding large hydropower plants).

Where are most renewable power plants installed in Ukraine?

Most renewable capacities currently installed in the country are concentrated in the southern and southeastern regions of Ukraine. According to various experts' estimates, as of August 2022, 30-40% of renewable power plants in these regions, or about 1.1-1.5 GW of installed capacity, have already been affected.

Is solar energy gaining traction in Ukraine?

Solar energy in Ukraine is gaining traction. With one of the largest solar energy companies in the country aiming to deliver 1 Gigawatt of solar and wind energy by 2030, there is a huge spike in demand. Ukraine has a range of incentives designed to encourage investment in solar power facilities.

How powerful is Ukraine's energy industry?

As of the beginning of 2022, the Ukrainian energy industry was one of the most powerful in Europe: the total installed capacity of the UES of Ukraine as of the end of 2021 was 56.1 GW (production in 2021 - 155.7 TWh of electricity, 70% of generation - from low-carbon and renewable sources).

How many hydropower plants are in Ukraine?

Ukraine has 10 large hydroelectric power plants operated by Ukrhydroenergo, 3 pumped storage power plants (PSPPs), and about 50 small hydropower plants producing up to 200 million kWh of electricity. Most of these are owned by local communities or private owners.

How many wind power plants are there in Ukraine?

Before the full-scale invasion, Ukraine had 34 wind power plants with 699 wind turbines generating electricity at an average capacity of 3.5 MW. In 2023, the most significant new power plant commissioned was DTEK's Tiligul wind power plant in the Mykolaiv region, with a generating capacity of 78 MW.

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