

Ukraine's Energy System in 2024

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Current situation

- Between 22 March and 31 August 2024, Russia launched 9 waves of coordinated attacks against Ukraine's electricity infrastructure.
- Around 9 GW of electricity generation capacity was destroyed - half of what Ukraine requires during winter months
- 2022-2023 attacks mainly targeted electricity transmission facilities, 2024 attacks to a much larger extent targeted electricity generation facilities.
- 73% of the country's thermal generation had been rendered inoperative as of June 2024.
- Russia continues to target big hydro generation in 2024, as Kakhovka HPP was destroyed in 2023.





3,8 GW of new solar



1,1 GW of new
TPPs on biofuel



4,5 GW of new wind



0,8 GW of new storage



1,4 GW of new gas