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DSOs of DTEK Grids connected 1,100+ new renewable energy facilities in 2023



Over 11 months of 2023, distribution system operators of DTEK Grids connected 1,150 green generation facilities, including solar and wind power plants, to the power grids. The total capacity of connected facilities is 112.3 MW. Self-generated renewable power sources help decentralise and boost the efficiency of Ukraine’s entire energy grid as well as improve its resilience during the difficult winter season.

Following the Russian attacks on the energy system in 2022-2023, small self-generated renewable energy facilities have gained significant importance as solar and wind power plants make the Ukrainian energy grid more self-sufficient and flexible. DTEK Grids works to facilitate the growth of self-contained renewable power sources in Ukraine by connecting such facilities to the power grid. Every new connected green generation facility will help Ukraine get through the severe winter and transform the national energy sector in the near future.

“According to the government’s plan for transforming the Ukrainian energy sector, the capacity of Ukrainian solar and wind power plants should grow significantly by 2050. We can ramp up green generation capacity as thousands of Ukrainian businesses and households keep installing solar panels and wind turbines on their properties, while DSOs connect them to the power grids. Thus, the grids should be ready for higher loads. The power grid infrastructure should enable the integration of renewable power sources and create conditions for attracting prosumers. This changes the role of power grids dramatically. Their infrastructure requires major upgrade and continuous improvement. The world is following this path, and DSOs of DTEK Grids follow suit in Ukraine. Despite the war and our focus on rebuilding the facilities destroyed by the enemy, we continue our power grid development projects to connect and deploy green energy facilities. We aim to create conditions for connecting such facilities, ensure reliable power supply, and build a resilient, flexible and efficient power grid infrastructure to restore and develop our cities and regions,” said **Oleksandr Fomenko**, CEO of DTEK Grids.