

Empowering Ukraine through a Decentralised Electricity System was published today and launched by an IEA delegation in Ukraine's capital, Kyiv, with Deputy Energy Minister Roman ...

The Ministry of Defence of Ukraine is joining a NATO project focused on developing technologies to ensure the reliable operation of small power grids incorporating renewable energy ...

Russia's constant bombing of Ukraine's power grid has sparked a groundswell of innovation in clean, reliable energy across the country--from building microgrids to solar power stations.

DTEK is planning a EUR2.4 billion (US\$2.6 billion) smart metering and smart grid upgrade in the war-hit region around the capital, Kyiv. The aim is to build a smart grid capable of withstanding military ...

As Ukraine rebuilds its energy infrastructure, embracing decentralisation and microgrids is crucial for enhancing energy security, resilience and independence. However, overcoming legislative ...

Ukraine is making a "strategic shift" toward distributed energy resources. In the two and a half years since Russia invaded Ukraine, Ukraine's energy system has been a regular target, with ...

With the increase in the number of generating units in the unified energy system and its decentralization, there is a need for dispatching at the regional level and when microgrids are ...

The microgrid in Merefa will serve several critical functions in the community. Given the power deficit resulting from the destruction of generating facilities across Ukraine, particularly in the Kharkiv ...

NREL is working with USAID, the Ministry of Energy of Ukraine, and the Ministry for Communities, Territories, and Infrastructure Development of Ukraine to design a microgrid pilot ...

To ensure stable operation, a microgrid must integrate, monitor, and manage its distributed energy resources (DERs), which helps to increase the efficiency and resilience of the system.

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