

War causes power outages Solar power generation

Spain and Portugal are still reeling from the largest power cut in recent European history, which struck just after midday on Monday.

A Ukrainian firefighter extinguishing a fire at the Trypilska thermal power plant in Kyiv Oblast following a Russian missile attack on 11 April 2024. In 2024, energy in Ukraine faced an infrastructure crisis ...

In the aftermath of a massive blackout that hit Spain and Portugal in April, some pundits were quick to blame wind and solar for the loss of power. But official inquiries have found that a ...

The crisis fundamentally transformed energy consumption patterns across Ukraine. Industrial power usage plummeted by 50%, while residential consumption declined by 20%, primarily due to population displacement. Despite this reduction in household usage, it became the largest share of energy demand. Summer 2024 reached 2.3 GW below the 12 GW peak demand. Severe power shortages occurred throughout Summer 2024 as a result, with Kyiv experiencing several blackouts lasting up to 16 hours i...

The European Union will initiate a thorough investigation of the power outages in Spain and Portugal on Monday, EU Energy Commissioner Dan Jorgensen said on Tuesday.

An elderly woman carries her bags out of a hot food distribution point during a power outage caused by Russia's repeated air strikes on the country's power grid, in Kyiv, Ukraine, ...

The occupation of the Zaporizhzhia nuclear power plant, on its own, reduced available Ukrainian power generation capacity by 6 gigawatts (GW). In the wave of attacks between March and May 2024, ...

On April 28, 2025, the Iberian Peninsula faced a widespread blackout. In this commentary, nonresident scholar Raúl Bajo-Buenestado analyzes the factors that contributed to outages and why modernizing ...

Russia carried out a mass attack on Ukraine's energy infrastructure on Feb. 7, triggering emergency power outages across most regions, Energy Minister Denys Shmyhal said. The strike hit key ...

Essentially, the evolving explanation is that the power grid did not have enough slack--inertia, in technical terms--to handle a sudden change in the output apparently caused by a ...

REE, the Spanish grid operator, identified two incidents of power generation loss, probably from solar plants, in Spain's southwest that caused instability in the electric system and led ...

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