

It's a chilly winter evening in Bratislava, and half the city suddenly goes dark because the grid can't handle the surge in heating demand. Sounds like a bad movie plot, right? But here's the ...

These aren't your grandma's backup generators; we're talking about intelligent energy ecosystems that combine solar power, battery storage, and grid interaction with military-grade reliability.

So far, we have conducted calculations to evaluate the solar photovoltaic (PV) potential in 64 locations across Slovakia. This analysis provides insights into each city/location's potential for ...

This Outlook analyses the five key renewable electricity sources, namely solar PV, onshore wind, hydropower, bioenergy, and geothermal, along with, for the first time, battery energy storage systems ...

Bratislava, as a follower city, is planning to replicate learning from partners in the field of energy-efficient buildings and smart grids in Bratislava to boost local sustainability.

The renewable energy sector, particularly solar power, is experiencing a remarkable upswing due to high energy prices and a strategic move away from dependency on Russian gas.

It's not exactly a storage gap, but more like a mismatch between solar production peaks and consumption patterns. Bratislava's residential solar installations grew 78% last year, but most ...

The Economy Ministry will accept bids for photovoltaic facilities with installed capacity from 100 KW to 2 MW, while the installed capacity for biomass, bio-gas, landfill gas, wastewater gas, ...

Bratislava isn't just pretty - it's perfectly positioned. Nestled between Austria and Hungary, the city's large-scale energy storage acts as a "power sandwich" filling for Central Europe's renewable energy ...

Homeowners are adopting rooftop solar panels to cut energy costs and increase energy independence. In Slovakia, households with solar systems report up to 30% reductions in their ...

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