

The webinar, which takes place on 15 May 2025 from 11:00 to 11:45 (CET), will offer insights into energy efficiency and grid resilience applied to a metro line in Bulgaria's capital, Sofia.

The hardware segment is expected to hold the largest share of the microgrid market from 2025 to 2030, driven by the critical role of physical infrastructure in enabling reliable and efficient microgrid operations.

It is the tool for grid and microgrid operators in order to prevent congestion (voltage and current issues) and power quality problems with the increasing share of intermittent RES, giving special attention to ...

A "stand-alone microgrid" or "isolated microgrid" only operates and cannot be connected to a wider electric power system. Very small microgrids are called nanogrids.

Invinity has delivered a 0.4 MWh VS3 vanadium flow battery system to a commercial customer in Sofia, Bulgaria for a solar + storage microgrid project which will provide 24/7 low-carbon power. Find out ...

notable recent development in Bulgaria is the registration of the first PV provider of balancing services by ESO, the national TSO.40 Plans are underway to register two more, demonstrating that flexibility ...

In Bulgaria, the microgrid control system market encounters challenges related to technology integration and regulatory compliance. Implementing microgrid control systems requires integrating various ...

As Bulgaria continues to expand its renewable energy infrastructure, it will face the challenges of compensating for the loss of system services traditionally provided by conventional power plants.

The webinar provides information about the metro microgrid study conducted as part of the EU-funded TIGON project which has developed software and hardware components for the roll ...

That's the reality sodium-ion energy storage systems with IP65 ratings are creating for modern microgrids. Unlike their lithium cousins that might throw a tantrum in extreme conditions, ...

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