

The proposed method supports the design of more resilient and sustainable DC microgrids through data-driven forecasting and system-level optimization, with LSTM-based forecasting ...

After a 5-year journey, the European energy initiative TIGON has delivered real-world validation of high-voltage, hybrid microgrids that can slash energy losses, improve resilience, and ...

The electrical grid is undergoing increasing integration of decentralized power sources connected to the low-voltage network. In this context, the concept of a microgrid has emerged as a ...

One of the primary goals of smart cities is to enhance the welfare and comfort of their citizens. In this context, minimizing the time required to detect fault events becomes a crucial factor in ...

It's still early days on what already feels like a long road, but the movement to create a multi-customer microgrid utility for Cuyahoga County, Ohio, moved a huge step forward earlier this ...

Wir in der Berlin University Alliance Die Technische Universit#228;t Berlin tr#228;gt den Exzellenztitel - gemeinsam mit ihren Verbundpartnerinnen Freie Universit#228;t Berlin, Humboldt-Universit#228;t zu Berlin und Charit#233; - ...

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European gourmet meat supplier Recla has upgraded the on-site power at its Italian facility with a new Capstone Green Energy C1000 Signature Series Microturbine. Capstone Green Energy "s ...

Introduces a novel two-stage robust optimization framework for scheduling carbon-free microgrids with decision-dependent uncertainties (DDUs). Proposes dynamically adaptive polyhedral ...



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