

However, in the context of microgrid, the misleading information spread by honeypots will also impact the system performance. This paper proposes an attack-resilient distributed control for ...

An article titled "Somaliland: Solar Power and Microgrid Intelligence for an Urban Power Grid," published in June 2021, highlighted that; As of April 2021, the citywide power grid supplying ...

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The first microgrid control system that can parallel load-share generators of different sizes, even different manufacturers. Power for the entire system can be monitored and controlled from a single computer interface.

This paper proposes an adaptive secondary control strategy for islanded AC microgrids (MGs) using Distributed Stochastic Deep Reinforcement Learning (DSDRL), targeting reliable ...

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To ensure the safe and stable operation of an islanded microgrid (MG) system, it is imperative to evaluate the impact of multiple communication constraints. This study addresses the ...

Furthermore, the FSP PCS supports both grid-following and grid-forming control modes. Under normal conditions, it operates in grid-following mode; in the face of a grid fault, it seamlessly ...

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Somaliland microgrid control

Abstract The interlinking converter, an important device in a hybrid AC-DC microgrid, undertakes the task of power distribution between the AC sub-microgrid and DC sub-microgrid. To ...

The application of a virtual synchronous generator (VSG) to provide virtual inertia in isolated microgrids has emerged as a promising control strategy for converter-inter-faced renewable ...

KEY POINTS The Pact: Somaliland and Taiwan have signed a landmark maritime security pact, deepening their strategic alliance in the Horn of Africa. Mutual Benefit: The deal enhances ...



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