

AI applications to enhance resilience in power systems and microgrids - a review

Zahraoui, Younes; **Korōtko, Tarmo**; **Rosin, Argo**; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex; Alhamrouni, Ibrahim Sustainability 2024 / art. 4959 <https://doi.org/10.3390/su16124959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ANN-LSTM based tool for photovoltaic power forecasting

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Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks

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Assessment of data acquisition system for forecasting temperature and solar irradiation

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A chameleon algorithm for solving economic dispatch problem in microgrid system

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A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study

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Distributed optimal storage strategy in the ADMM-based peer-to-peer energy trading considering degradation cost

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Fractional order sliding mode controller based on supervised machine learning techniques for speed control of PMSM

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Home energy management systems: A review of the concept, architecture, and scheduling strategies

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Optimal strategy for comfort-based home energy management system considering impact of battery degradation cost model

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Optimal tuning of fractional order sliding mode controller for PMSM speed using neural network with reinforcement learning

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A real-time simulation for P2P energy trading using a distributed algorithm

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System-level condition monitoring approach for fault detection in photovoltaic systems

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