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Research outputs

Explainable Artificial Intelligence for Energy Systems Maintenance: A Review on Concepts, Current Techniques, Challenges, and Prospects

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Overload Alarm Forecasting in Power Grids Using Q-Learning and Transformer Architectures

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Predictive Stress Assessment in Power Distribution Systems using Bi-Mamba+

Gram, I., Mirshekali, H. & Shaker, H. R., 2025, (Accepted/In press) *25th International Conference on Environment and Electrical Engineering*.

Temporal Fusion Transformer for Alarm Forecasting in a Danish DSO: Embedding Pearson Correlation

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A Novel RMPC Strategy for Three-Phase Inverters Operating in Grid-Connected and Standalone Modes

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Strategic DG Placement and Sizing for Alarm Mitigation in Distribution Grids Using Quadratic Programming-Enhanced Particle Swarm Optimization

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