

Adaptive virtual inertia-damping system based on model predictive control for low-inertia microgrids

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Comparison of (N+1) redundancy and fault tolerance approaches in single-stage series-connected isolated MVAC to LVDC converters

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Effect of mission profile resolution on photovoltaic energy yield prediction in Python and MATLAB

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Enhancing grid-forming converters control in hybrid AC/DC microgrids using bidirectional virtual inertia support

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Integration of PV system with SMES based on model predictive control for utility grid reliability improvement

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Model-free predictive control for improved performance and robustness of three-phase quasi Z-source inverters

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Reliability analysis of battery energy storage system for various stationary applications

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