

Back-to-back energy router based on common-ground inverters

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Comparative evaluation of common-ground converters for dual-purpose application

Hemmati Shahsavari, Tala; **Rahimpour, Saeed**; Vosoughi Kurdkandi, Naser; Fesenko, Artem; **Matiushkin, Oleksandr**; Husev, Oleksandr; Vinnikov, Dmitri Energies 2023 / art. 2977 <https://doi.org/10.3390/en16072977> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and analysis of a DC solid-state circuit breaker for energy router application : [conference paper]

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A family of bidirectional solid-state circuit breakers with increased safety in DC microgrids

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Fault management techniques to enhance the reliability of power electronic converters : an overview

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Grounding and isolation requirements in DC microgrids: overview and critical analysis

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Model predictive control of a single-stage flying inductor based buck-boost grid-connected common-ground inverter

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A novel and high-gain switched-capacitor and switched-inductor-based DC/DC boost converter with low input current ripple and mitigated voltage stresses

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A novel flying inductor based grid-connected inverter with buck-boost ability

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Towards smarter maritime security : Apriori algorithm optimization in serverless environments

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